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- 5 p. m.** *Mentzelia ornata*, great mentzelia; close in the morning to reopen in the evening.
Silene noctiflora, evening catchfly; wilt next morning.
Oenothera triloba, cone-stem evening-primrose; last nearly all next day.
- 6 p. m.** *Abronia fragrans*; wilt early in the morning.
Datura stramonium, jimson; wilt next morning.
Convolvulus repens, evening beauty; close next morning.
Gaura coccinea, scarlet gaura; flowers turn pink next morning and fade about 11 a. m.
Oenothera watsoni, stemless evening primrose; last all next day.
Oenothera biennis, tall evening-primrose; wilt next day.
Heliotropium convolvulaceum, sweet-scented heliotrope; wilt next day.
Oenothera rhombipetala, point-petaled evening-primrose; wilt next day about 9 to 10 a. m.
Oenothera sinuata, small-flowered evening-primrose; wilt next day.
Oenothera hartwegi; wilt at 10 a. m. next day.
- 7 p. m.** *Oenothera missouriensis*, Missouri evening-primrose; wilt at sunrise.
Oenothera grandiflora, large evening-primrose; open very promptly; wilt at 7 a. m. next day.
Oenothera canescens, pink evening-primrose; wilt next morning.
Oenothera fremontii; open promptly; wilt at 9 a. m. next day.
Cephalanthus occidentalis, button-bush.
- 8 p. m.** *Gaura biennis*; wilt promptly at 10 a. m. next day.
Gaura parviflora; wilt about 11 a. m. next day.
- 9 p. m.** *Gaura* (*Stenosiphon*) *linifolia*; flowers last and remain white all next day.

There are many other plants that open at periodic times; but observations upon them have not been sufficient to determine positively their habits.

(The "clock" contains the names of a few cultivated plants in parentheses.)

LIST OF PLANTS IN MY FLORIDA HERBARIUM.

A. S. HITCHCOCK, MANHATTAN.

Read (by title) before the Academy December 30, 1898.

The list presented is based entirely upon plants in my herbarium. There are yet a number of specimens that remain unidentified, especially among the palms, pines, and the genera *Paspalum* and *Panicum*. Others have been somewhat doubtfully referred to certain species though they show some differences and may ultimately prove to be new species. But it seems best to leave the description of new species to those who have access to the large herbaria.

For the sake of brevity, the collector's name is represented by his initial in most cases. These initials are:

C = Mr. A. H. Curtiss, sets of North American plants.

N = Mr. Geo. V. Nash, sets of Florida plants.

R = Prof. P. H. Rolfs, Lake City, Florida Agricultural College, who has given me much help in the work.

W = Mr. H. J. Webber, Department of Agriculture, Washington, for several years stationed at Eustis.

S = Mr. J. H. Simpson, plants distributed by the Department of Agriculture.

Many of these are without number or locality other than "Florida," but are from the region south of Tampa.

P = Plants from the Keys recently distributed by Messrs. Pollard, Collins, and Morris.

H = My own collection. The first series was obtained in June and July of 1894 at Eustis and vicinity. While here Messrs. Webber and Swingle gave me much valuable assistance. The second series was obtained in the winter of 1895-'96, along the east coast, from Palm Beach to Cocanut Grove, on Biscayne Bay. Under the latter locality are included collections from Cape Florida. A few labeled East Florida were collected at various places on the way down, chiefly at Jacksonville and St. Augustine. The third series was obtained during the summer of 1898 on a trip on foot from Monticello to Bayport following the line of railroad to Live Oak, Branford, Archer, Dunellon, Fitzgerald, and Brooksville. The plants collected on this trip are labeled by counties. Those labeled Columbia county were collected in the southern part, and so are distinguished from those collected at Lake City.

RANUNCULACEAE.

1. *Clematis baldwinii*, T. & G. Orlando, R 58, C 3; Hernando county, H 1.
2. *Clematis catesbyana*, Nutt. Lake City, H 8; Eustis, N 1731; Istachatta, C 5968, C 11.
3. *Clematis reticulata*, Walt. Jefferson county, H 4; Madison county, H 5; Columbia county, H 3; Lake City, R 59, 60, H 6; Alachua county, H 7; Eustis, N 611, 1890, H 2; —, R 1082.
5. *Clematis crispa*, L. Duval county, C 8.

MAGNOLIACEAE.

6. *Illicium floridanum*, Ellis. Walton county, C 73.
7. *Magnolia grandiflora*, L. Jefferson county, H 9; Lake City, H 10; Eustis, N 1605.
8. *Magnolia glauca*, L. Jefferson county, H 11; Lake City, R 45; Eustis, N 523, H 13.

ANONACEAE.

9. *Asimina parviflora*, Dunal. Madison county, H 14; Suwanee county, H 17; Lake City, H 15, 17; Duval county, C 85.
10. *Asimina grandiflora*, Dunal. Suwanee, H 18, 19; Lake City, R 52, H 20; Duval county, C 86.
11. *Asimina obovata*, Nash. Eustis, H 21; Hernando county, H 28.
12. *Asimina cuneata*, Shuttlw. Clear Water, R 431; Tampa, N 2477; New River, H 34.
13. *Asimina angustifolia*, Gray. Quincy, C 5878; Jefferson county, H 30; Suwanee county, H 31; Lake City, R 51, N 2153, H 29, 32, R 967.
14. *Asimina pygmaea*, Dunal. Alachua county, H 22, 27; Lake City, R 968, H 25; Duval county, C; Eustis, R 53, N 359, H 23, 24, 26.
15. *Anona laurifolia*, Dunal. Narrows of Indian River, C 83*; Cocanut-grove, H 34.

MENISPERMACEAE.

16. *Cocculus carolinus*, D. C. Leon county, N 2358; Columbia county, H 36; Levy county, H 35.
17. *Calycocarpum lyoni*, Gray. Chattahoochee, C 5934.

NYMPHAEACEAE.

18. *Cabomba caroliniana*, Gray. Lake City, R 603, 1336, H. 42.
19. *Brasenia schreberi*, Gmel. Madison county, H 43.

20. *Nelumbo lutea*, Pers. Lake City, R 1, 658, H 44.
21. *Nymphaea odorata*, Ait. Jefferson county, H 48, 50; Lake City, H 49, R 659; Eustis, N 1153, H 45, 46, 47. This is described by Mr. Nash under *Castalia reniformis*. It seems to be a different species from *N. odorata*, but whether it is *N. reniformis*, Walt. is another question.
22. *Nymphaea flava*, Leitner. Duval county, C 101a.
23. *Nuphar macrophyllum*, Small. Lake City, H 52; Duval county, C 102; Eustis, N 1751, H 51.
24. *Nuphar sagittaeifolium*, Pursh. Santa Rosa county, C 104.

SARRACENIACEAE.

25. *Sarracenia psittacina*, Michx. Apalachicola, C 106.
26. *Sarracenia rubra*, Walt. Walton county, C 107.
27. *Sarracenia drummondii*, Croom. Apalachicola, C 108.
28. *Sarracenia variolaris*, Michx. Madison county, H 38; Lake City, N 2184, R 277, 1062, H 37; Duval county, C 110; Eustis, H 39.
29. *Sarracenia flava*, L. Lake City, R 1343.

PAPAVERACEAE.

30. *Argemone mexicana*, L. Key West, P 1, S 354.
31. *Argemone leiocarpa*, Greene. Key West, P 2, C 5653.
32. *Argemone alba*, Lestib. Madison county, H 41; Lake City, R 1075; Levy county, H 40.

FUMARIACEAE.

33. *Corydalis micrantha*, Gray. Duval county, C 125a.

CRUCIFERAE.

34. *Lepidium virginicum*, L. Jefferson county, H 61; Lake City, R 630; H 59; Eustis, H 60; Polk county, R 545; Palm Beach, W 384, H 58; Key West, P 8.
35. *Senebiera pinnatifida*, DC. Aspalaga, C 196; Pensacola, R 489.
36. *Capella bursa-pastoris*, Medic. Pensacola, R 488.
37. *Cakile maritima*, Scop. Sanibel Is. W 177; Marquesas Key, C 198*; Coon Key, S 242; Knight's Key, C 5645; Lemon City, H 63; Palm Beach H 62, W 243.
38. *Nasturtium tanacetifolium*, H. & A. Madison county, H 53; Lake City, R 1349; Levy county, H 54; Hernando county, H 55.
39. *Cardamine curvisiliqua*, Shuttl. Lake City, H 57; Duval county, C 5865.
40. *Warea cuneifolia*, Nutt. Indian River, C 171; Lemon City, W 285; Coconut Grove, H 56.
41. *Warea sessilifolia*, Nash. Bellair, N 2544.
42. *Warea amplexifolia*, Nutt. Haines City, C 5958.

CAPPARIDACEAE.

43. *Polanisia tenuifolia*, T. & G. Eustis, N 760, H 64; Alachua county, H 65; Tavares, R 1317; Polk county, R 546; Melbourne Beach, C 5769; Cape Malabar, C 201.
44. *Cleome pentaphylla*, L. Duval county, C 203, R 555.
45. *Capparis jamaicensis*, Jacq. Palm Beach, H 67, W 257; South Florida, Swingle; Key West, C 204; ———, S.
46. *Capparis cynophallophora*, L. Palm Beach, H 66, C 204*, 5529; No Name Key, S.

CISTACEAE.

47. *Helianthemum corymbosum*, Michx. Madison county, H 71; Lake City, R 613, 614, H 77; Alachua county, H 73; Levy county, H 75;

- Eustis, H 78; Hernando county, H 74; Kissimee, R 1359; Palm Beach, H 76; New River, H 70; Lemon City, H 72.
48. **Helianthemum arenicola**, Chapm. Apalachicola, C 226.
49. **Helianthemum nashi**, Britton. Eustis, N 815, 1813.
50. **Helianthemum carolinianum**, Michx. Madison county, H 68; Lake City, R 611; Duval county, C 5830; Alachua county, C 225; Hernando county, H 69.
51. **Lechea major**, Michx. Madison county, H 79; Lake City, R 213, N 2154, H 81; Duval county, C 229; Levy county, H 80; Eustis, H 82, 83; Palma Sola Bay, S.
52. **Var. divaricata**, Gray. Eau Gallie, C 5709; Hernando county, H 84.
53. **Lechea tenuifolia**, Michx. Suwanee county, H 87; Duval county, C 232*; Eustis, H 90; Hernando county, H 88; New River, H 89.
54. **Lechea racemulosa**, Lam. Eau Gallie, C 5833; New River, H 86.
55. **Lechea patula**, Leggett. Suwanee county, H 91; Lake City, R 25, 995, N 2490, H 92; Duval county, C 232**; Eustis, N 1599, H 93; Tavares, R 230.

VIOLACEAE.

56. **Viola insignis**, Pollard. Lake City, R 37, 41, 43, 44, 639, 1081, 1093, 1451, H 94; Hernando county, H 95.
57. **Viola cucullata**, Ait. Lake City, R 42, 1080.
58. **Viola primulaefolia**, L. Lake City, R 38, 40, 647; Eustis, W 399, N 339.
59. **Viola vittata**, Greene. Lake City, R 39; Duval county, C 208; Polk county, R 36.
60. **Viola canina** var. **multicaulis**, Gray. Lake City, R 641, H 96.

CANELLACEAE.

61. **Canella alba**, Murr. No Name Key, C 277, 5439; Cape Sable, S 213.

CARYOPHYLLACEAE.

62. **Silene antirrhina**, L. Madison county, H 145.
63. **Silene baldwinii**, Nutt. Chattahoochee, C 286.
64. **Stellaria media**, Cyrill. Pensacola, R 483; Lake City, R 149; N. E. Fla. H 146.
65. **Stellaria uniflora**, Walt. Mosquito Inlet, C 313.
66. **Arenaria alsinoides**, Willd. Jefferson county, H 139, Columbia county, H 137; Levy county, H 138; Eustis, N 987, H 140.
67. **Arenaria caroliniana**, Walt. Walton county, C 302.
68. **Stipulicida setacea**, Michx. Madison county, H 142; Apalachicola, C 336; Palm Beach, H 141; Lantana, C 5390.
69. **Stipulicida filiformis**, Nash. Levy county, H 144; Eustis, N 14, 1885, R 147, H 143; Polk county, R 151, 1420.

FICOIDEAE.

70. **Mollugo verticillata**, L. Lake City, R 152, 1335 in part, H 701; Duval county, C 347; Eustis, N 1399, H 700; Polk county, R 148.
71. **Cypsella humifusa**, Turp. —, S 30.
72. **Trianthema portulacastrum**, L. Indian Key, C 350*; Key West, C 5658, S 344.
73. **Sesuvium portulacastrum**, L. Port Orange, W 462; Ponce Park, W 482; Titusville, N 2310; Hernando county, H 699; Palm Beach, W 220; Jupiter Inlet, C 5560; Sanibel Is., W 173, 188; Mangrove Key, P 15; —, S.
74. **Sesuvium pentandrum**, Ell. Merritt's Is., C 350; Key West, C 5619; —, S.

PORTULACACEAE.

75. **Portulaca oleracea**, L. Madison county, H 152; Lake City R 1368, H 147; Alachua county, H 148; Eustis, H 151; Palm Beach, H 150.
76. **Portulaca halimoides**, L. Cocconut Grove, H 157; Rabbit Key, S 290.
77. **Portulaca pilosa**, L. Suwanee county, H 154; Lake City, R 1367, H 153; Alachua county, H 149; Levy county, H 156; Eustis, H 155.
78. **Talinum patens**, Willd. Eustis, N 1274; Ten Thousand Islands, S 312.

HYPERICACEAE.

79. **Ascyrum pumilum**, Michx. Duval county, C 5829.
80. **Ascyrum hypericoides**, L. Lake City, R 32; Eustis, N 1609.
81. **Ascyrum stans**, Michx. Jefferson county, H 159; Lake City, N 2489, R 32 in part; Duval county, C 5759; Marion county, H 158.
82. **Ascyrum amplexicaule**, Michx. Duval county, C; Eustis, N 1977; H 160, 161; E. Fla., H 162; Citrus county, H 163; Tampa, R 1128, 1135; Kissimee, R 31; New River, H 164, 165; Manatee, S.
83. **Hypericum microsepalum**, Gray. Apalachicola, C 247.
84. **Hypericum myrtifolium**, Lam. Jefferson county, H 167; Lake City, R 22, 612, 974, 1357, H 168; Eustis, N 708; Hernando county, H 166; Polk county, R 20, 1384.
85. **Hypericum fasciculatum**, Lam. Jefferson county, H 169; Lake City, H 170; Eustis, N 439, H 171; Tampa, R 1147; Kissimee, R 33.
86. **Hypericum aspalathoides**, Willd. Eustis, N 755, H 172; Tavares, R 29; Polk county, R 21, 1383; Mosquito Lagoon, C 258*.
- 86a. **Hypericum galioides**, Lam. Jefferson county, H 177, N 2513; Lake City, N 2190; Levy county, H 178.
- 86b. **Hypericum opacum**, T. & G. Lake City, R 24, H 174; Duval county, C; Eustis, N 846, H 176; Polk county, R 27, 1431; Palm Beach, H 175; New River, H 173.
87. **Hypericum pilosum**, Walt. Duval county, C 268.
88. **Hypericum maculatum**, Walt. Madison county, H 183; Lake City, H 184; Argyle, C 5940.
89. **Hypericum mutilum**, L. Eustis, N 552, H 191; Lake City, R 1316; Citrus county, H 192; Hernando county, H 193.
90. **Hypericum gymnanthum**, E. & G. Jefferson county, H 179, 182; Lake City, R 216, H 180, 181; Duval county, C 264*, 5951; Eustis, N 870, H 178.
91. **Hypericum nudicaule**, Walt. Jefferson county, H 187; Suwanee county, H 188; Lake City, R 23, H 189; Duval county, C 272, N 2319; Citrus county, H 186; Hernando county, H 185.
92. **Hypericum virginicum**, L. Lake City, H 190.

TERNSTROEMIAACEAE.

93. **Gordonia lasianthus**, L. Lake City, H 194; Duval county, C 405; Eustis, N 2089, H 195.

MALVACEAE.

94. **Malvastrum rugellii**, Wats. Palm Beach, H 202; Biscayne Bay, C 5499; Palmetto, N 2462; Chokoliska Is., S 208.
95. **Modiola multifida**, Moench. Pensacola, R 485; Apalachicola, C 5889; Madison county, H 203; Hillsboro river, C 383.
96. **Sida ciliaris**, L. Long Key, C 5445.
97. **Sida supina**, L'Her. Indian Key, C 372.
98. **Sida cordifolia**, L. Eustis, H 205; Hernando county, H 206, 207; Tampa, R 1123; Cedar Keys, C 371*.

99. *Sida spinosa*, L. Clear Water, R 428; Hernando county, H 210.
100. *Sida rhombifolia*, L. De Funiak, R 175, Jefferson county, H 225; Madison county, H 226; Lake City, H 222, 223; Tallahassee, N 2399; Columbia county, H 221; E. Fla., H 224, 227; Eustis, N 454, H 219; Duval county, C 375; Palm Beach, H 220; No Name Key, P 118.
101. *Sida acuta*, Burm. Madison county, H 212; Citrus county, H 214; Lake City, R 67, 69, H 211; E. Fla., H 216, 217, 218; Eustis, N 1445, H 213; Tavares, R 68; Palm Beach, H 215; Manatee, S.
102. *Sida eliottii*, T. & G. Columbia county, H 209; Eustis, N 565; Hernando county, H 208; Biscayne Bay, C 377; Miami, C 5853, P 263.
103. *Sida rubra-marginata*, Nash. Tampa, N 2472. This is included under *S. eliottii* in the Synoptical Flora, but Nash's specimen does not have the aspect of that species as I have seen it growing in Florida.
104. *Abutilon theophrasti*, Medic. Suwanee county, H 196.
105. *Abutilon pedunculare*, HBK. Eustis, N 1280; Cedar Keys, C 379*.
106. *Abutilon permolle*, Sweet. Turner River, S 224; Key Largo, P 169.
107. *Abutilon crispum*, Medic. Key Largo, C 382; Cape Sable, S 192; Sugar Loaf Key, P 40.
108. *Malachra alceaefolia*, Jacq., var. *rotundifolia*, Gurke. Chokoluskee Bay, C 383*; —, S.
109. *Urena lobata*, L. Eau Gallie, C 5707; Indian River, C 382*; Eustis, N 882, H 230; Levy county, H 229; Tavares, R 66; Hernando county, H 228.
110. *Pavonia spinifex*, Cav. Merritt's Is., C 386; Cape Canaveral, C 5710.
111. *Pavonia racemosa*, Sw. Arch creek, C 5462; Cocoanutgrove, H 204.
112. *Kosteletzkya smilacifolia*, Gray. Sarasota, S.
113. *Kosteletzkya altheaefolia*, Gray. Duval county, C 5696, R 64; Clear Water, R 62; Eustis, N 1267; Tavares, R 65; Titusville, N 2308; —, S 47; Hernando county, H 201.
114. *Hibiscus furcellatus*, Lam. Indian River, C 5771, 388*; New River, H 199.
115. *Hibiscus aculeatus*, Walt. Madison county, H 197; Lake City, N 2205, R 63, H 198; Duval county, C 388, 5950.
116. *Hibiscus grandiflorus*, Michx. Duval county, C 391; Sanford, N 2280.
117. *Hibiscus incanus*, Wendl. Lake City, R 989, H 200; Eustis N 673.
118. *Hibiscus coccineus*, Walt. Duval county, C 394. *Hibiscus rosasinensis* L., Clear Water, R 70, may be an escape from cultivation.
119. *Hibiscus tiliaceus*, L. Meigs Key, C 398.
- 119a. *Cienfuegosia heterophylla*, Garcke. Grassy Key, C 398*.
120. *Gossypium herbaceum*, L. Key West, C 5655; Key Largo, W 346.
121. *Gossypium barbadense*, L. Upper Metacumbe Key, P 134.

STERCULIACEAE.

122. *Melochia hirsuta*, Cav. Caloosa River, C No. A.
123. *Melochia corchifolia*, L. Mosquito Lagoon, C 400*.
124. *Waltheria americana*, L. Haines City, C 5957; Caximbas, S 285; Pine Key, C 400; Jewfish Key, P 130; Boca Chica Key, P 105.

TILIACEAE.

125. *Tilia pubescens*, Ait. River Junction, C 5875; Jackson county, C 401*; Columbia county, H 231; Lake City, N 2188, R 548, 549, H 232.
126. *Triumfetta semitriloba*, Jacq. New River, H 233; Lemon City, H 234; Biscayne Bay, C 404.
127. *Corchorus siliquosus*, L. Biscayne Bay, C 403.

LINACEAE.

128. **Linum floridanum**, Trel. Eustis, N 1529, 2046, H 235; Duval county, C 412; Lake City, R 593, N 236; Levy county, H 237.
 129. **Linum striatum**, Walt. Jefferson county, H 233; Suwanee county, H 240; Citrus county, H 239; Hernando county, H 241.
 130. **Linum rigidum**, Pursh. Lemon City, H 212.

MALPIGHIACEAE.

131. **Byrsonima lucida**, HBK. Boca Chica Key, C 501, 5434; No Name Key, S 210, C 5632; Big Pine Key, P 88.

ZYGOPHYLLACEAE.

132. **Tribulus cistoides**, L. Key West, C 5654; Indian Key, C 215; Bates.
 133. **Tribulus maximus**, L. Key West and Tampa, C 416.
 134. **Guaiacum sanctum**, L. Upper Metacumbe Key, C 417; —, S.

GERANIACEAE.

135. **Geranium carolinianum**, L. Columbia county, H 243; Lake City, R 554; Duval county, C 419.
 136. **Oxalis corniculata**, L. E. Fla., H 862. The specimens of *Oxalis* were identified by Prof. William Trelease.
 137. Var. **dillenii**, Trel. Lake City, R 644.
 138. **Oxalis filipes**, Small. Jefferson county, H 853; Lake City, R 553, 1260; Eustis, H 861; Levy county, H 860; Hernando, H 859.

RUTACEAE.

139. **Ptelea trifoliata**, L. Lake City, R 557; Eustis, N 976.
 146. **Xanthoxylum pterota**, HBK. Eustis, N 942; Hillsboro and Indian Rivers, C 434; Palm Beach, W 391, C 5366, H 247; Miami, C 5366; Coon Key, S 243, C 434; Sugar Loaf Key, P 31.
 141. **Xanthoxylum clava-herculis**, L. Lake City, R 551, H 245; Madison county, H 246; Palm Beach, H 244.
 142. **Xanthoxylum flavum**, Vahl. Bahia Honda Key, C 433.
 143. **Xanthoxylum coriaceum**, A. Rich. Lemon City, H 248; Fort Lauderdale, C 5844.
 144. **Amyris elemifera**, L. Indian river, C 441; Palm Beach, C 5528; W 209, 227, H 255, 256; No Name Key, S 146.

SIMARUBIACEAE.

145. **Suriana maritima**, L. Lemon City, H 249; Sanibel Is., W 171; Virginia Key, C 5171; Ragged Keys, W 275; Long Key, S 287; Ramrod, C 878; Mangrove Key, P 17.
 146. **Simaruba glauca**, DC. Palm Beach, W 386, H 250, 251; Cocoonut-grove, H 252; Elliott's Key, C 439; Key Largo, P 187; Key West, C 5625.
 147. **Picramnia pentandra**, Sw. Palm Beach, H 253, 254; Biscayne Bay, C 441*.

BURSERACEAE.

148. **Bursera gummifera**, L. Indian River, C 440; Palm Beach, Swingle; Chokaliska Is., S 217.

ANACARDIACEAE.

149. **Rhus metopium**, L. Palm Beach, H 329, 330; Cape Florida, C 5477; Key Largo, C 5638; Biscayne Key, W 269; No Name Key, S 227; Bahia Honda Key, C 448; Sugar Loaf Key, P 65.
 150. **Rhus toxicodendron**, L. Jefferson county, H 334; Suwanee county, H 332; Lake City, H 333; Levy county, H 335; Palm Beach, H 331;

Tampa, R 247. H 332 and 335 have the leaflets pinnately lobed, like oak leaves.

151. **Rhus copallina**, L. Jefferson county, H 336; Lake City, R 544, 654, N 2497, H 337; Duval county, C 444; Eustis, N 1659.
152. **Rhus canadensis**, Marsh. Jefferson county, H 338. *Mangifera indica* has escaped in places, Palm Beach, H 339; Cocconutgrove, H 340; Sugar Loaf Key, P 61.

MELIACEAE.

153. **Melia azedarach**, L. Tallahassee, N 2359; Jefferson county, H 258; Eustis, H 257; Lemon City, H 259.

AQUIFOLIACEAE.

154. **Ilex opaca**, Ait. Jefferson county, H 268; Suwanee county, H 269; Lake City, R 439, N 2233, H 270.
155. **Ilex cassine**, L. Jefferson county, H 273; Lake City, R 443, 1086, 2210 (var. *angustifolia*, Willd.), H 277; Duval county, C 1747; Eustis, N 315, 423, 1550, 1651, H 276; Polk county, R 441; Palm Beach, H. 271, 272, 274, 275; New River, W 327; ———, S.
156. Var. **myrtifolia**, Sarg. Suwanee county, H 278; Duval county, C 1746, N 2412. This seems a distinct species as observed in Florida.
157. **Ilex vomitoria**, Ait. Pensacola, R 491; De Funiak, R 235, 675; River Junction, N 2374; Suwanee county, H 279; Lake City, R 623; E. Fla., H 281; Hernando county, H 280.
158. **Ilex ambigua**, Chapm. Lake City, R 440, 442, 1337, H 282; Duval county, C 1748*; Marion county, H 284; Eustis, N 1660, H 283.
159. **Ilex glabra**, Gray. Jefferson county, H 287; Lake City, R 444, 574, 1089, H 286; Duval county, C 1755; Eustis, N 2, 422, 570, H 288; Tavares, W 374; Palm Beach, H 285; ———, R 1324.
160. **Ilex coriacea**, Chapm. Lake City, H 289, 290; Duval county, C 1756; Eustis, N 522, 1131, H 291.

CYRILLACEAE.

161. **Cyrilla racemiflora**, L. Apalachicola, C 5885, 1774; St. Mark's, N 2543; Jefferson county, H 292; Lake City, R 375, N 2218.
162. **Cliftonia nitida**, Gaertn. De Funiak, R 446, 670; ———, C 1775 ("Ogeechee River, Georgia, fls. in Florida.")

OLACINEAE.

163. **Ximenia americana**, L. Duval county, C 409, 5677; Eustis, N 622, H 260, 261; Lemon City, H 262.

CELASTRACEAE.

164. **Euonymus americanus**, L. Lake City, R 580, H 266; Hernando county, H 265.
165. **Celastrus scandens**, L. Columbia county, H 267.
166. **Maytenus phyllanthoides**, Benth. Key West, C 5613, P 10; Pumpkin Key C 483; ———, S.
167. **Gyminda grisebachii**, Sarg. Lemon City, H 263; Key West, C 478.
168. **Rhacoma ilicifolia**, Trel. No Name Key, C 477.
169. **Rhacoma crassopetalum**, L. Cocconutgrove, W 355, H 264; Biscayne Bay, C 476, 5488; No Name Key, S 168; ———, S.
170. **Schaefferia frutescens**, Jacq. Upper Metacumbe Key, C 479.

RHAMNACEAE.

171. **Rhamnidium ferreum**, Sarg. Palm Beach, C 5370; Upper Metacumbe Key, S 462.
172. **Berchemia volubilis**, DC. River Junction, N 2383; Columbia county, H 302; Citrus county, H 301; Eustis, N 255.

173. **Reynosia latifolia**, Griseb. Key West, C 5615; Boca Chica Key, C 5435; Bahia Honda Key, C 467*; ———, S.
174. **Sageretia michauxii**, Brongn. Marion county, H 303; Citrus county, H 304; Indian river, C 5774.
175. **Ceanothus americanus**, L., var. **intermedius**, Trel. Jefferson county, H 300; Madison county, H 296; Lake City, R 542, 543; Duval county, C 469; Eustis, N 431, H 297, 298; Polk county, R 541; Hernando county, H 295.
176. **Ceanothus microphyllus**, Michx. Madison county, H 293; Lake City, R 638, 540. Duval county, C 471; Orlando, R 261; Eustis, N 11, H 294.
177. **Colubrina ferruginosa**, Brongn. Losman Key, S 163; Boca Chica Key, C 473, 5628.
178. **Gouania domingensis**, L. Merritt's Is., C 474.

VITACEAE.

179. **Vitis rotundifolia**, Michx. River Junction, C 6072; Jefferson county, H 311; Lake City, R 34, 35; N 2237, H 312, Duval county, C 5870.
180. **Vitis munsoniana**, Simpson. Eustis, H 313, N 1940, 558 (this specimen looks like the preceding species, but they are difficult to distinguish in herbarium specimens); Palm Beach, H 314.
181. **Vitis cordifolia**, Michx. Tallahassee, N 2357; Jefferson county, H 315.
182. **Vitis æstivalis**, Michx. Jefferson county, H 319; Lake City, H 317; Eustis, N 525, H 316.
183. **Vitis caribæa**, DC. Lake City, N 2493.
184. **Vitis candicans**, Engelm., var. **coriacea**, Bailey. Titusville, N 2285; ——— S.
185. **Vitis simpsoni**, Munson. Eustis, N 399; H 318.
186. **Cissus stans**, Pers. Suwanee county, H 305; Lake City, R 712; Clear Water, R 429; Eustis, N 689, H 307; Palm Beach, H 306.
187. **Cissus acida**, L. Key West, C 5514.
188. **Cissus incisa**, Desmoul. Hillsboro River, C 458; Cape Canaveral, C 5725.
189. **Cissus sicyoides**, L., var. **floridana**, Planch. Cape Sable, C 457*.
190. **Ampelopsis quinquefolia**, Michx. Jefferson county, H 308; Lake City, R 558, H 309; Tampa, N 2471; Palm Beach, H 310.

SAPINDACEAE.

191. **Acer rubrum**, L., var. **drummondii**, T. & G. Tallahassee, N 2351; Lake City, R 71, 1094, 1095, H 325; Eustis, N 872, 2147, H 320; New River, H 321, 322; Jefferson county, H 324.
192. **Acer floridanum**, Pax. River Junction, N 2392, C 497*, 5874; Columbia county, H 323.
193. **Acer negundo**, L. Columbia county, H 326.
194. **Dodonæa viscosa**, Jacq., var. **spathulata**, Benth. Indian River, C 485; Sanibel Is., W 191; Long Key, S 308.
195. **Cardiospermum halicacabum**, L. E. Fla., C 489; Key Largo, C 5640 (a robust pubescent form), P 156.
196. **Cardiospermum microcarpum**, HBK. Eustis, N 378; H 327; Palmetto, N 2457.
197. **Sapindus saponaria**, L. Cape Sable, C 487*; Key Largo, P 186.
198. **Sapindus manatensis**, Radcl. ———, S 50.
199. **Exothea oblongifolia**, Macf. Miami, C 5848; Hillsboro River, C 487; No Name Key, S 180.

200. **Hypelate trifoliata**, Sw. Upper Metacumbe Key, C 486.
 201. **Æsculus pavia**, L. River Junction, N 2388, C 494; Jefferson county, H 328.

POLYGALACEAE.

202. **Polygala grandiflora**, Walt. Suwanee county, H 123; Alachua county, H 126; Eustis, N 1347, H 127; Hernando county, H 124; Tampa, R 1137; Cocanutgrove, H 125; No Name Key, P 115.
 203. **Var. angustifolia**, T. & G. Jefferson county, H 129, 131; Lake City, R 300, H 130; Duval county, C 513; N. Fla., H 128; Polk county, R 278, 1432; Palm Beach, H 132; —, S.
 204. **Polygala polygama**, Walt. Clear Water, R 434; Eustis, N 204.
 205. **Polygala baykini**, Nutt. Chattahoochee, C 605, 5871; Hernando, H 121; —, S.
 206. **Polygala incarnata**, L. Madison county, H 113; Lake City, R 1277, 1322 in part; Duval county, C 515; Clear Water, R 435; Levy county, H 111; Eustis, N 512; Hernando county, H 112; New River, H 110.
 207. **Polygala leptostachys**, Shuttl. Madison county, H 107, 108; Alachua county, H 109.
 208. **Polygala verticillata**, L. Titusville, N 2307.
 209. **Polygala setacea**, Michx. Suwanee county, H 103; Lake City, H 104; Falling Creek, R 1280; Duval county, C; Eustis, N 790, H 102; Polk county, R 280, 1430; Hernando county, H 106; New River, H 105.
 210. **Polygala chapmanii**, T. & G. De Funiak, C 5907; Walton county, C 508; N. Fla., H 120.
 211. **Polygala cruciata**, L. Duval county, C 509, R 292; Hernando county, H 114; Polk county, R 279, 1434.
 212. **Polygala nana**, DC. Lake City, R 290, 1271; Duval county, C; Eustis, N 1778; Hernando county, H 101; Polk county, R 282, 1338.
 213. **Polygala lutea**, L. Jefferson county, H 98; Lake City, R 284, 291, H 97; Eustis, N 532, H 100; Hernando county, H 99.
 214. **Polygala rugelii**, Shuttl. Eustis, N 1032, 1912, H 122; Tavares, R 286, 288; Polk county, R 281, 1436; Jupiter, C 5535; Mosquito Lagoon, C 522**; —, S.
 215. **Polygala cymosa**, Walt. Jefferson county, H 118; Lake City R 993; Duval county, C, R 289; Eustis, N 1017, H 116; Levy county, H 119; Hernando county, H 117; Polk county, R 283, 1386.
 216. **Polygala ramosa**, Ell. Lake City, R 287; Glen St. Mary, R 632; Baldwin, R 285; N. Fla., H 115; Eustis, N 585.
 217. **Polygala baldwini**, Nutt. Duval county, C; Eustis, N 1179.

LEGUMINOSAE.

218. **Crotalaria sagittalis**, L. Suwanee county, H 398; Lake City, R 1169; Eustis, N 805, H 396.
 219. **Crotalaria ovalis**, Pursh. Tallahassee, N 2325; Lake City, R 650, 637, 117, H 409; Duval county, C 562; Jefferson county, H 406; Madison county, H 407; Polk county, R 119; Eustis, H 395; Lemon City, H 408.
 220. **Crotalaria purshii**, DC. Eustis, W 400, N 287, H 399, 400, 401, 402; Levy county, H 404; Citrus county, H 405; Hernando county, H 403; Polk county, R 86.
 221. **Crotalaria pumila**, Ortega. Indian River, C 533*; Palm Beach, C 5361, W 233, H 391, 392.
 222. **Crotalaria incana**, L. Lake City, R 101; Indian River, C 530*; Palm Beach, H 394; Lemon City, H 393; Miami, P 273; Cape Florida, C 5476.

223. *Lupinus villosus*, Willd. Lake City, R 118.
224. *Lupinus diffusus*, Nutt. Madison county, H 471; Lake City, R 110; Eustis, N 42; Eau Gallie, C 5832; Citrus county, H 472; Polk county, R 91, 1400; Cape Canaveral, C 530.
225. *Medicago denticulata*, Willd. Pensacola, R 490.
226. *Medicago sativa*, L. Pensacola, R 102.
227. *Melilotus officinalis*, Willd. Pensacola, R 493.
228. *Trifolium tomentosum*, L. Pensacola, R 1162. Probably a ballast plant.
229. *Trifolium reflexum*, L. Madison county, H 544; Polk county, R 80.
230. *Trifolium repens*, L. Eustis, H 545.
231. *Trifolium carolinianum*, Michx. Chattahoochee, C 542; Lake City, R 1159.
232. *Psoralea virgata*, Nutt. Glen St. Mary, R 631; Duval county, C (1876).
233. *Psoralea canescens*, Michx. Madison county, H 488; Lake City, R 218; Duval county, C 557; Eustis, N 695, H 489, 490; Hernando county, H 491.
234. *Psoralea lupinellus*, Michx. Madison county, H 487; Duval county, C 5419; Eustis, N 634.
235. *Petalostemon corymbosus*, Michx. Lake City, R 351, 369, 315, H 478; New River, H 477.
236. *Petalostemon gracilis*, Nutt. Lake City, R 105; Lemon City, W 270.
237. *Petalostemon carneus*, Michx. Duval county, C 568, N 2251; Citrus county, H 475; Manatee, S; Miami, P 255.
238. *Petalostemon feayi*, Chapm. Carabelle, C 5880; Eustis, N 1523, H 476; Palm Beach, H 480; Mosquito Lagoon, C 568.
239. *Dalea domingensis*, DC. Palm Beach, C 5374; Cocoanutgrove, H 410.
240. *Amorpha virgata*, Small. Eustis, N 261, H 352.
241. *Amorpha fruticosa*, L. Duval county, C 572; Levy county, H 351; Palm Beach, H 350.
242. *Amorpha herbacea*, Walt. Sumter county, C 573; Eustis, H 348; Hernando county, H 349.
243. *Wistaria frutescens*, DC. Suwanee county, H 550.
244. *Tephrosia virginiana*, Pers. Eustis, N 1072, H 526.
245. *Tephrosia spicata*, T. & G. Jefferson county, H 528, 529; Madison county, H 534; Suwanee county, H 533; Lake City, R 115, 1163, 1318, H 531; Eustis, N 754, H 527; Alachua county, H 530, R 1166; Levy county, H 532.
246. *Tephrosia htspidula*, Pursh. Madison county, H 538; Lake City, R 1168, H 539; Duval county C, 5682; Eustis, N 804.
247. *Tephrosia floridana*, Vail. Eustis, N 1552, H 543.
248. *Tephrosia chrysophylla*, Pursh. Madison county, H 541; Alachua county, H 542; Eustis, N 811, H 540; Tampa, R 1155.
249. *Tephrosia ambigua*, Curt. Suwanee county, H 536; Madison county, H 537; Lake county, R 74, N 819, 1555, H 535; Lake City, R 1158.
250. *Tephrosia leptostachya*, DC. Jupiter Inlet, C 5561; Cape Malabar, C 584*.
251. *Tephrosia angustissima*, Shuttl. Eau Gallie, C 584, 5708.
252. *Indigofera caroliniana*, Walt. Jefferson county, H 464; Alachua county, H 463; Eustis, N 810, H 461, 462; Polk county, R 89, 1429.
253. *Indigofera miniata*, Ort. Miami, P 217; Cutler, C 5475; Key Largo, C 586.

254. **Indigofera tinctoria**, L. Halifax River, C 587; Palm Beach, H 459; Lemon City, H 460.
255. **Sesbania vesicaria**, Ell. Lake City, R 83, H 518; E. Fla., H 516; Eustis, N 709, 1724, H 515; Indian River, C 589*; Tampa, R 1152, N 2415; Manatee, S 107.
256. **Sesbania macrocarpa**, Muhl. Upper St. Johns River, C 590; Tampa, N 2478.
257. **Sesbania punicea**, Benth. Pensacola, C 590**; Apalachicola, C 590*, 5884; Milton, R 669.
258. **Astragalus obcordatus**, Ell. Duval county, C 597; Citrus county, H 354; Eustis, N 307.
259. **Astragalus villosus**, Michx. Lake City, R 645.
260. **Vicia acutifolia**, Ell. Duval county, C 647; Eustis, N 917, H 547; Tavares, R 111; Hernando county, H 546; Tampa, R 922; Manatee, S.
261. **Vicia floridana**, Wats. Duval county, C 647*.
262. **Æschynomene hispida**, Willd. Suwanee county, H 344; Lake City, H 345; Eustis, N 1054, H 346, 347.
263. **Æschynomene viscidula**, Michx. Lake City, R 104, H 343; Duval county, C 607; Eustis, N 593, H 341, 342; Archer, R 1167.
264. **Zornia tetraphylla**, Michx. Lake City, R 107; Eau Gallie, C 5766; Indian River, C 610; Citrus county, H 551; Eustis, N 912, H 552; —, S.
265. **Stylosanthes elatior**, Sw. Jefferson county, H 523; Madison county, H 524; Lake City, H 522, R 1161; Eustis, N 1309, H 525.
266. **Chapmania floridana**, T. & G. Levy county, H 386; Haines City, C 5955; Sumterville, C 608; Eustis, N 384, 1769, H 387, 388; Tavares, R 76; Polk county, R 92, 1392.
267. **Lespedeza repens**, Bart. Jefferson county, H 465.
268. **Lespedeza striata**, H. & A. Lake City, R 108, 77, 97, 1360; Duval county, C 5810; Alachua county, H 469.
269. **Lespedeza hirta**, Ell. Suwanee county, H 467; Lake City, H 466; Duval county, C 639, 5780; Archer, R 84.
270. **Lespedeza intermedia**, Britt. Lake City, R 98; Duval county, C 5781, 636a.
271. **Lespedeza angustifolia**, Ell. Lake City, H 463; Duval county, C 640a, 5782.
272. **Desmodium pauciflorum**, Nutt. Apalachicola, C 627; Chattahoochee, C 6002.
273. **Desmodium nudiflorum**, DC. Lake City, R 106, H 411.
274. **Desmodium canescens**, DC. Lake City, H 413; Polk county, R 1439 in part, 1413.
275. **Desmodium tortuosum**, DC. Jefferson county, H 423; Suwanee county, H 419; Columbia county, H 422; Lake City, R 81, 95; Duval county, C 623; Eustis, N 495, H 420; Lemon City, H 421.
276. **Desmodium dillenii**, Darl. Lake City, R 100.
277. **Desmodium paniculatum**, DC., var. *chapmani*, Britt. Duval county, C 6011.
278. **Desmodium strictum**, DC. Lake City, H 412; Duval county, C 631, 5793.
279. **Desmodium lineatum**, DC., var. *polymorphum*, Gray. Duval county, C 621*, 5798.
280. **Desmodium rhombifolium**, DC. Suwanee county, H 417; Madison county, H 416; Lake City, H 418; Eustis, H 414; Eau Gallie, C 5717; Polk county, R 88 in part, 1439; Palm Beach, H 415.

281. **Desmodium triflorum**, DC. Tampa, C 632*; Meyers, R 602.
282. **Rhynchosia minima**, DC. Duval county, C 656; Lemon City, H 507; Miami, P 219; No Name Key, P 113; —, S.
283. **Rhynchosia parvifolia**, DC. —, S.
284. **Rhynchosia menispermoides**, DC. Levy county, H 505; Sanford, N 2314; Miami, P 220, C 5857; Tampa, C 659, R 1146.
285. **Rhynchosia tomentosa**, H. & A. Madison county, H 499; Suwanee county, H 498; Lake City, R 109, 113; Duval county, C 660 in part; Polk county, R 93.
286. **Rhynchosia cinerea**, Nash. Eustis, N 1336, 1852, H 503; Tavares, R 73; Polk county, R 93, 1390; Pelican Key, S 293.
287. **Rhynchosia erecta**, DC. Suwanee county, H 497; Madison county, H 496; Columbia county, H 495; Lake City, R 115, H 493, 494; Eustis, N 962, H 492, 503; Duval county, C 660, 5797; Levy county, H 501. This specimen is erect and bushy branched, lower leaves unifoliate, upper trifoliate, clusters axillary.
288. **Rhynchosia reniformis**, DC. Columbia county, H 504; Duval county, C 660 in part; Eustis, H 502; Polk county, R 93 in part.
289. **Rhynchosia galactioides**, Endl. Walton county, C 661, 5900, R 677; Lake City, R 1240.
290. **Apios tuberosa**, Moench. Lake City, H 353; Duval county, C 662; Eustis, N 702.
291. **Phaseolus perennis**, Walt. Duval county, C (1876).
292. **Phaseolus sinuatus**, Nutt. Madison county, H 481; Duval county, C 5796; Indian River, C 664; Hernando county, H 482.
293. **Phaseolus helvolus**, L. Duval county, C 666, 5764.
294. **Phaseolus umbellatus**, Britt. Bellair, N 2548; Duval county, C 5788.
295. **Phaseolus smilacifolius**, Poll. Lake City, N 2505, H 483.
296. **Phaseolus lunatus**, L. Manatee, S 333; Sugar Loaf Key, P 42.
297. **Vigna luteola**, Benth. Indian River, C 668; Daytonia, W 506; Titusville, N 2296; Palm Beach, H 548, 549; Cutler, C 5474; Long Key, S 306; Eau Gallie, C 5770 (var. *angustifolia*); —, S.
298. **Cajanus indicus**, Spreng. Jensen, R 953; Elliott's Key, Swingle; Sugar Loaf Key, P 39.
299. **Erythrina herbacea**, L. Jefferson county, H 430; Lake City, R 120, H 432; Eustis, N 175, 1468, H 431; Palm Beach, H 433; Daytonia, W 458; Miami, P 227.
300. **Clitoria mariana**, L. Duval county, C 670; Eustis, N 956, H 389; Levy county, H 390; Polk county, R 87.
301. **Centrosema virginiana**, Benth. Jefferson county, H 377; Madison county, H 378; Suwanee county, H 382; Duval county, C 671; Eustis, H 383; Lake City, R 1165; —, R 1164. The following are var. *angustifolia*: Eustis, H 380; Suwanee county, H 381; Lake City, R 1100, 1156, H 379.
302. **Amphicarpaea monoica**, Nutt. Lake City, R 103.
303. **Galactia erecta**, Vail. Walton county, C 680.
304. **Galactia cubensis**, HBK. Cape Romano, S 267; Upper Metacumbe Key, C 674*, 5642; Ragged Keys, W 322.
305. **Galactia pilosa**, Ell. Tallahassee, N 2347; Jefferson county, H 439; Madison county, H 452; Suwanee county, H 453; Lake City, R 114, 991, H 440, 441, 447; Alachua county, H 443, 446, 450; Marion county, H 445; Citrus county, H 444; Eustis, H 449; Hernando county, H 442;

- Jupiter, C 5557; Palm Beach, H 448. One group of specimens has thin leaves, and slender, nearly glabrous inflorescence, and young shoots. The other group has thick reticulated leaves, and inflorescence, and young shoots densely pubescent, the former not so slender.
306. Var. **angustifolia**, T. & G. Citrus county, H 454; Cocanutgrove, H 455.
307. **Galactia mollis**, Michx. Suwanee county, H 436; Lake City, H 435; Eustis, N 919.
308. **Galactia floridana**, T. & G. Alachua county, H 434 (small-leaved form); Tampa, N 2474; Key Largo, P 179; Boca Chica Key, P 108.
309. **Galactia fasciculata**, Vail. Tampa, N 2480.
310. **Galactia glabella**, Michx. Columbia county, H 451; Duval county, C 678; Eustis, N 542, 1091, H 437, 438; Merritt's Is., C 5727; Daytona, W 476.
311. **Galactia elliottii**, Nutt. Duval county, C 681, 5661; Lake City, R 112; Eustis, H 456, 457; Tavares, R 75; Polk county, R 90, 1407.
312. **Canavalia obtusifolia**, DC. Indian River, C 682; Palm Beach, W 425, H 361, C 5522; Coon Key, S 255; Sugar Loaf Key, P 71.
313. **Piscidia erythrina**, L. Key West, C 5656; Elliott's Key, W 312; White Horse Key, S 234; Ramrod Key and Jewfish Key, C 685.
314. **Ecastophyllum brownei**, Pers. Indian River and Lake Worth, C 705*, 5391; Palm Beach, H 425, 426, 427, 429; New River, H 428; Lemon City, W 295; Old Rhodes Key, C No. C; —, S.
315. **Baptisia lanceolata**, Ell. De Funiak, R 671; Lake City, R 85. Apalachicola, C 689.
316. **Baptisia lecontei**, T. & G. De Funiak, R 676; Columbia county, H 355; Duval county, C 694; Citrus county, H 356; Hernando county, H 357.
317. **Baptisia calycosa**, Canby. Walton county, C 699*, 5899.
318. **Baptisia leucantha**, T. & G. Jefferson county, H 358.
319. **Sophora tomentosa**, L. Indian river, C 704; Merritt's Is., C 5721; Tampa, R 1112; Lemon City, H 519, 520, 521, W 289; —, S.
320. **Cercis canadensis**, L. Jefferson county, H 385; Lake City, H 384.
321. **Tamarindus indica**, L. Key West, S 348; Sugar Loaf Key, P 68. Escaped.
322. **Cassia occidentalis**, L. Madison county, H 362; Lake City, H 363; Eustis, N 1726.
323. **Cassia tora**, L. Madison county, H 364; Lake City, N 2230, R 82, H 365.
324. **Cassia ligustrina**, L. Clear Water, R 99; Eustis, N 1720; Jupiter, C 5544.
325. **Cassia bahamensis**, Mill. Miami, P 243; No Name Key, C 709, 5630; Sugar Loaf Key, P 72.
326. **Cassia chamaecrista**, L. Suwanee county, H 368; Duval county, C 711; Alachua county, H 367; Eustis, N 701, H 366; Miami, P 245.
327. **Cassia aspera**, Michx. Lake City, R 96; Levy county, H 371; Eustis, N 1717; Palm Beach, H 370; New River, H 369.
328. **Cassia depressa**, Poll. River Junction, N 2571, C 5980; Lake City, H 372.
329. **Cassia grammica**, Spreng. No Name Key, C 5510, S 194.
330. **Cassia simpsoni**, Poll. No Name Key, P 110; —, S.
331. **Cassia multipinnata**, var. **nashii**, Poll. River Junction, N 2577; Jefferson county, H 373; Palm Beach, H 374; New River, H 375.
332. **Krameria lanceolata**, Torr. Walton county, C 527; Eustis, N 405, H 133, 134, 135; Hernando county, H 136; Polk county R 726.

333. *Gleditschia triacanthos*, L. Suwanee county, H 458; Kissimee, R 1359, in part.
334. *Caesalpinia pauciflora*, B. & H. Big Pine Key, C No. D.
335. *Caesalpinia bonduc*, B. & H. Indian River, C 713; Palm Beach, H 359, 360, W 265; Raccoon Key, P 102.
336. *Parkinsonia aculeata*, L. Key West, C 712 A.
337. *Mimosa strigillosa*, T. & G. Eau Gallie, C 717, 5704; Eustis, N 687, H 474; Levy county, H 473.
338. *Schrankia floridana*, Chapm. Suwanee county, H 508; Eustis, N 1838.
339. *Schrankia angustata*, T. & G. Jefferson county, H 510; Lake City, H 513; Duval county, C 719; Levy county, H 511; Citrus county, H 512; Eustis, N 483, H 514.
340. *Schrankia horridula*, Chapm. De Funiak, R 236; Suwanee, H 509.
341. *Pithecolobium unguis-cati*, Benth. Palm Beach, W 226, H 484, 485, 486; Miami, R 942; Sugar Loaf Key, P 53; Meyers, W 200; Key West, C 5614; Ragged Key, W 313; Key Largo, C 720; Biscayne Key, W 268; Sanibel Is., S 300.
342. *Pithecolobium guadalupense*, Chapm. Bahia Honda Key, C 721.
343. *Leucaena glauca*, Benth. Miami, H 470; Key West, C 716*b*, S 351.
344. *Acacia farnesiana*, Willd. Sanibel Is., S 297; Pensacola, R 1157; Key West, C 716*, P 5; Boca Chica Key, P 107; Cudjoe Key, P 91.
345. *Lysiloma latisiliqua*, Benth. Boca Chica Key, C 716*a*; Key Largo, P 154.
346. *Desmanthus virgatus*, Willd. Little Pine Key, C 725.
347. *Neptunia floridana*, Small. Eustis, N 686; Sarasota Bay, S; Miami, C 5850; Biscayne Bay, C 726.

CALYCANTHACEAE.

348. *Calycanthus laevigatus*, Willd. Kissimee, R 1359. It is doubtful if this is indigenous in this region.

ROSACEAE.

349. *Chrysobalanus oblongifolius*, Michx. Madison county, H 577; Lake City, R 1363, H 578; Eustis, R 210, N 734, H 575; Eau Gallie, C 5779; Indian River, C 727; Glen St. Mary, R 631; Polk county, R 13; Clearwater, R 380; Lemon City, H 576.
350. *Chrysobalanus icaco*, L. Indian River, C 728; Palm Beach, H 579; New River, C 5845; Miami, P 247; S. Fla., Swingle; —, S.
351. *Prunus umbellata*, Ell. Jefferson county, H 563, 564; Columbia county, H 561; Lake City, R 624, 1268, H 562; Duval county, C 731, 5603; Eustis, N 1174, H 560.
352. *Prunus serotina*, Ehrh. Jefferson county, H 557; Lake City, H 559; Eustis, H 558; —, N (label lost).
353. *Prunus caroliniana*, Ait. River Junction, N 2375; Duval county, C 738.
354. *Prunus sphaerocarpa*, Sw. East of Everglades, C 738*.
355. *Agrimonia hirsuta*, Bickn. Lake City, R 18.
356. *Agrimonia microcarpa*, Wallr. River Junction, N 2395; Lake City, R 1326, H 593; Citrus county, H 594; —, R 410.
357. *Agrimonia incisa*, T. & G. Madison county, H 587; Lake City, R 19; Duval county, C 5753.
358. *Fragaria indica*, Andr. Jackson county, C 780.

358. **Rubus villosus**, Ait. Jefferson county, H 580; Columbia county, H 581; Lake City, H 582.
360. **Rubus cuneifolius**, Pursh. Jefferson county, H 586; Lake City, R 11, H 584; Duval county, C 791; E. Fla., H 583; Eustis, H 585.
361. **Rubus trivialis**, Michx. Lake City, R 10, 12, 655, 1064.
362. **Rosa carolina**, L. Columbia county, H 555; Lake City, R 14, H 553; Duval county, C 794; Eustis, N 1695, H 554.
363. **Rosa rubiginosa**, L. Levy county, H 556. Well established.
364. **Rosa laevigata**, Michx. Duval county, C 798.
365. **Crataegus spathulata**, Michx. River Junction, N 2380, C 802, 5989.
366. **Crataegus apiifolia**, Michx. Apalachicola River, C 806; River Junction, N 2396, C 5983; Hernando county, H 565.
367. **Crataegus arborescens**, Ell. Chattahoochee, E 5997; Ellaville, R 1083; Columbia county, H 566.
368. **Crataegus rotundifolia**, Bork. River Junction, N 2379; Quincy, N 2568; Jefferson county, H 572; Lake City, H 571.
369. **Crataegus flava**, Ait., var. **integra**, Nash. Eustis, N 1142, 1974, H 567; Hernando county, H 568.
370. **Crataegus glandulosa**, Michx. River Junction, C 5982; Madison county, H 573; Lake City, R 9, 569, 1265 in part; Duval county, C 811; Gainesville, C 811*.
371. **Crataegus parvifolia**, Ait. Lake City, R 8, N 2172, H 570.
372. **Pyrus angustifolia**, Ait. Tallahassee, N 2366; Jefferson county, H 588.
373. **Pyrus arbutifolia**, L., var. **erythrocarpa**, Chapm. Jefferson county, H 592; Lake City, R 17, 640, 1356, H 590; Duval county, C 815*; Eustis, W 374, H 589; Hernando county, H 591.

SAXIFRAGACEAE.

374. **Itea virginica**, L. Columbia county, H 598; Duval county, C 831; Eustis, N 304, H 597.
375. **Hydrangea radiata**, Walt. Curtiss (1875).
376. **Hydrangea quercifolia**, Bartr. Aspalaga, C 833.
377. **Decumaria barbata**, L. Tallahassee, N 2354; Columbia county, H 596; Lake City, R 4, H 595; Duval county, C 835.

CRASSULACEAE.

378. **Penthorum sedoides**, L. Tallahassee, N 2352.
379. **Bryophyllum calycinum**, Salisb. Key West, C 877*. Spontaneous near dwellings.

DROSERACEAE.

380. **Drosera intermedia**, D. & H. Eustis, N 538; Polk county, R 56.
381. **Drosera capillaris**, Poir. Lake City, R 54, 55, 1062; Eustis, N 948, 465, H 600; Levy county, C 599.
382. **Drosera brevifolia**, Pursh. Duval county, C (1876).

HAMAMELACEAE.

383. **Hamamelis virginica**, L. River Junction, N 2385; Jefferson county, H 605; Lake City, R 3, 547, 1088, 1352, H 602.
384. **Liquidambar styraciflua**, L. Jefferson county, H 604; Lake City, R 2, H 601; Eustis, N 860, H 603.

RHIZOPHORACEAE.

385. **Rhizophora mangle**, L. Palm Beach, H 613; Lemon City, H 612; Indian River, C 942; Miami, R 941; Tampa, R 72; Palmetto, N 2442; Torch Key, C 5438; Mangrove Key, P 16; —, Swingle; —, S 299.

COMBRETACEAE.

386. **Laguncularia racemosa**, Gaertn. Merritt's Is., C 943; Palm Beach, H 614; Manatee, S; Indian River and Biscayne Bay, C 5480; Ragged Key, W 272.
387. **Conocarpus erecta**, Jacq. Merritt's Is., C 945, 945*; Palm Beach, Swingle, H 615, 616, 617; Miami, C 5470; Ragged Key, W 331; Key West, P 14; —, Swingle.
388. **Var. sericea**, DC. Tampa, S; Meyers, W 194; Saddlebunch Key, P 24.
389. **Terminalia catappa**, L. Boca Chica Key, C 946, 5627. Probably not wild in Florida.
390. **Terminalia buceras**, B. & H. Elliott's Key, C 946*, 5451.

MYRTACEAE.

391. **Eugenia dichotoma**, DC. E. Fla., C 982; —, S.
392. **Eugenia confusa**, DC. Elliott's Key, C 983; Key West, C 5626.
393. **Eugenia garberi**, Sarg. Miami, C 5841.
394. **Eugenia longipes**, Berg. No Name Key, C No. E, S.
395. **Eugenia axillaris**, Willd. Indian River, C 984; Palm Beach, Swingle 120, H 619; New River, H 620; Charlotte Harbor, W 165; Tampa, S; Meyers, W 197; Key Largo, C 5455; Panther Key, S 259, berries too large for this species.
396. **Eugenia buxifolia**, Willd. Indian River, C 985; Miami, C 5464; —, Garber (1877).
397. **Calyptanthus chytraculia**, Sw. Elliott's Key, C 5452; Big Pine Key, S 149; Key Largo, P 163.
398. **Psidium guayava**, Raddi. Cocoanutgrove, H 618; Indian River, C 987*. "Spontaneous in old fields."

MELASTOMACEAE.

399. **Rhexia mariana**, L. Jefferson county, H 630, 632; Lake City, H 633; Duval county, C 5754; Eustis, N 863, H 634; Hernando county, H 631.
400. **Rhexia lanceolata**, Walt. Lake City, H 636; Duval county, C 935; Eustis, N 623, H 638; Citrus county, H 637; Polk county, R 1377.
401. **Rhexia floridana**, Nash. Eustis, N 1218; Hernando county, H 635.
402. **Rhexia stricta**, Pursh. Jefferson county, H 628, 629; Duval county, N 2317.
403. **Rhexia glabella**, Michx. De Funiak, R 179; Jefferson county, H 627; Lake City, R 1321, 1322; Duval county, C 5695, R 505, N 2245.
404. **Rhexia ciliosa**, Michx. Lake City, R 975, H 625; Duval county, C 939, 5689; Eustis, H 622; Marion county, H 624; Citrus county, H 623; Hernando county, H 626.
405. **Rhexia serrulata**, Nutt. Lake City, R 500; Duval county, C 940; Eustis, H 621.
406. **Rhexia lutea**, Walt. Glen St. Mary, R 634.

LYTHRACEAE.

407. **Ammannia latifolia**, L. Titusville, N 2288; Indian River, C 949; Palm Beach, H 639, 640; Key Largo, P 183.
408. **Ammannia humilis**, Michx. De Funiak, C 5901; Lake City, R 204; Indian River, C 947.
409. **Lythrum alatum**, Pursh. Duval county, C 953; Eustis, H 641, N 1247.
410. **Lythrum flagellare**, Shuttl. Citrus county, H 642; —, S.
411. **Lythrum lineare**, L. Palm Beach, H 643.
412. **Nessaea verticillata**, HBK. Lake City, H 644.

HALORAGACEAE.

413. *Proserpinaca palustris*, L. Jefferson county, H 606; Duval county, C 889.
414. *Proserpinaca pectinacea*, Lam. Jefferson county, H 608; Duval county, C 890; Lake City, R 132; Eustis, N 1039, H 609; Polk county, R 124, 1427; New River, H 607.
415. *Myriophyllum heterophyllum*, Michx. Lake City, R 125, H 611.
416. *Myriophyllum scabratum*, Michx. Eustis, H 610.

ONAGRACEAE.

417. *Gaura angustifolia*, Michx. Jefferson county, H 670; Lake City, R 212, H 673; Alachua county, H 672; Eustis, H 671, N 1464; Clear Water, R 451.
418. *Gaura filipes*, Spach. River Junction, N 2578, C 6003.
419. *Oenothera biennis*, L. Madison county, H 671; Lake City, R 122, H 670, 672.
420. *Oenothera humifusa*, Nutt. Eau Gallie, C 5720; Sea Breeze, W 508; E. Fla., C 905*; Palm Beach, W 419, H 673; —, S 31.
421. *Oenothera sinuata*, L. Jefferson county, H 675; Lake City, R 133, 651; Alachua county, H 676; Eustis, N 225, H 674.
422. *Oenothera fruticosa*, L. Jefferson county, H 677.
423. *Oenothera linearis*, Michx. Aspalaga, C 909; Tallahassee, R 123.
424. *Jussiaea leptocarpa*, Nutt. Tallahassee, N 2401; Madison county, H 678; Lake City, R 127; Duval county, C 914, R 134; Eustis, N 355, H 679; Caloosa River, C 915*.
425. *Jussiaea peruviana*, L. Eustis, N 735; Tavares, R 121.
426. *Jussiaea suffruticosa*, L. Pensacola, C 5918.
427. *Jussiaea decurrens*, DC. River Junction, C 5985; Tallahassee, N 2400.
428. *Ludwigia alternifolia*, L. Tallahassee, N 2349.
429. *Ludwigia virgata*, Michx. Jefferson county, H 645; Lake City, R 219, H 648; Duval county, C 918, 919; Eustis, N 750; H 647; Sanford, R; Tavares, R 1324; Polk county, R 253; New River, H 646; Tampa, R 1141.
430. *Ludwigia hirtella*, Raf. Walton county, C 920.
431. *Ludwigia linearis*, Walt. Lake City, R 257; St. Mark's, N 2540; McClenny, C 6007; E. Fla., H 650.
432. *Ludwigia linifolia*, Poir. Duval county, C 922; Eustis, N 1240; Hernando county, H 649.
433. *Ludwigia cylindrica*, Ell. River Junction, N 2390; Jefferson county, H 651.
434. *Ludwigia pilosa*, Walt. Lake City, R 129, 259, N 2191, H 652; Eustis, N 1041.
435. *Ludwigia sphaerocarpa*, Ell. Washington county, C 925.
436. *Ludwigia capitata*, Michx. Madison county, H 656, Lake City, R 126, 978, H 658; Eau Gallie, C 927; Levy county, H 657; Eustis, N 950, H 653, 654, 655; Polk county, R 130, 1424; Tavares, R 232; Manatee, S 115.
437. *Ludwigia alata*, Ell. Duval county, C 929; Turkey Hammock, S 114; Lake City, N 2502; Palm Beach, H 659; Clear Water, R 592; —, S.
438. *Ludwigia microcarpa*, Michx. Duval county, C 930; Alachua county, H 663; Citrus county, H 664; Sanford, N 2278; Eustis, N 2136; Jupiter, C 5545; Palm Beach, H 662; New River, H 660, 661.

439. *Ludwigia palustris*, Ell. Eustis, N 1207.
 440. *Ludwigia natans*, Ell. Duval county, C 933.
 441. *Ludwigia arcuata*, Walt. Jefferson county, N 2509, H 667; Lake City, R 128, 131, H 666, 669; Levy county, H 668; Eustis, N 607, H 665; Tampa, C 934. N 2509 and H 669 were floating in deep water.

LOASACEAE.

442. *Mentzelia floridana*, Nutt. Lake City, R 1366; Duval county, C 959; Palm Beach, W 255, H 674, 675, 676, 677; Miami, C 5842.

TURNERACEAE.

443. *Piriqueta caroliniana*, Urb. Jefferson county, H 679; Lake City, R 135, 137, 556; Duval county, C 960; Eustis, N 903, H 678; Polk county, R 136; La Costa Is., S 322; Miami, P 250; Levy county, H 680.
 444. Var. *glabra*, Urb. Eustis, N 830; Cocoonutgrove, H 681.
 445. *Turnera ulmifolia*, L. Key West, C 5657. Escaped.

PASSIFLORACEAE.

446. *Passiflora incarnata*, L. Jefferson county, H 683; Madison county, H 684; Lake City, H 686; Duval county, C 5681; Eustis, N 414, H 681.
 447. *Passiflora lutea*, L. Lake City, R 1345; Citrus county, H 687; Clear Water, R 426.
 448. *Passiflora suberosa*, L. Duval county, C 973; Ten Thousand Islands, S 260; Upper Metacumbe Key, C 5641.
 449. *Passiflora angustifolia*, Sw. Palm Beach, W 225, H 688; Cape Malabar, C 974; Key Largo, P 158.
 450. *Passiflora multiflora*, L. Upper Metacumbe Key, S 494; Key Largo, P 181.
 451. *Carica papaya*, L. Palm Beach, C 5531, H 682; Miami, R 934; Hillsboro River, C 976; Turkey Hammock, S; Sugar Loaf Key, P 28.

CUCURBITACEAE.

452. *Melothria pendula*, L. Madison county, H 695; Eustis, N 1277; Palm Beach, H 690; Hernando county, H 694; Lake City, H 696.
 453. *Melothria nashii*, Small. Palm Beach, H 691, 692; Miami, P 216; Tampa, N 2469; —, Bates.
 454. *Melothria crassifolia*, Small. Duval county, C 5738; Eustis, N 865, H 693.
 455. *Momordica charantia*, L. Lake City, H 689. Escaped.
 456. *Lagenaria vulgaris*, Ser. Levy county, H 697. Naturalized around ponds in high pine woods.

BEGONIACEAE.

457. *Begonia*. An undetermined species is well established around Lake City, N 2481, H 698.

CACTACEAE.

458. *Opuntia vulgaris*, Mill. Madison county, H 704; Lake City, H 703.
 459. *Opuntia rafinesquii*, Engelm. Jensen, R 951; Eustis, N 1867, H 702.

UMBELLIFERAE.

460. *Hydrocotyle bonariensis*, Lam. Pensacola, C 5922.
 461. *Hydrocotyle umbellata*, L. Jefferson county, H 719; Lake City, R 146, 1072, 1361, H 717; Duval county, C 991, 5676; Eustis, N 351, H 715; Levy county, H 718; Palm Beach, H 716.
 462. *Hydrocotyle ranunculoides*, L. Apalachicola, C 5888.
 463. *Hydrocotyle interrupta*, Muhl. Columbia county, H 723; Lake City, N 2485; Palm Beach, C 5376.

464. **Hydrocotyle repanda**, Pers. Suwanee county, H 720; Lake City, H 721; Duval county, C 988; Eustis, N 587, H 722.
465. **Crantzia lineata**, Nutt. Duval county, C 993.
466. **Sanicula canadensis**, L. Tallahassee, N 2362; Madison county, H 731; Lake City, R 214, N 2244, H 730; Duval county, C 994.
467. **Eryngium yuccaefolium**, Michx., var. **synchaetum**, Gray. Madison county, H 712; Lake City, R 138, H 713; Eustis, N 1487; Hernando county, H 714.
468. **Eryngium virgatum**, Lam. Walton county, C 1000; River Junction, N 2573; St. Mark's, N 2539; McClenny, C 6008.
469. **Eryngium ravenelii**, Gray. St. Mark's, N 2537.
470. **Eryngium mettauri**, Wood. Duval county, C 998*.
471. **Eryngium aromaticum**, Baldw. Lake City, N 2491, R 141; Hernando county, H 707; New River, H 705, 706, 708.
472. **Eryngium baldwinii**, Spreng. Jefferson county, H 709; Suwanee county, H 710; Lake City, R 139, 142, H 711; Duval county, C 5414; Eustis, N 1874, 545; Indian River, C 1002; Kissimee, R 1355.
473. **Cicuta maculata**, L. Duval county, C 1030, R 144; Eustis, N 1025, H 728.
474. **Apium leptophyllum**, Muell. Duval county, C 1034*.
475. **Leptocaulis divaricatus**, DC. Suwanee county, H 724; Lake City, R 145; Duval county, C 1036; Eustis, N 392.
476. **Discopleura capillacea**, DC. Jefferson county, H 726; Suwanee county, H 727; Lake City, R 1339, H 725; Eustis, N 837; Palm Beach, W 413.
477. **Thaspium pinnatifidum**, Gray. Jackson county, C 1023.
478. **Angelica dentata**, Chapm. Aspalaga, C 1014.
479. **Tiedemannia ternata**, C. & R. Apalachicola, C 1010.
480. **Tiedemannia teretifolia**, DC. Duval county, C 1011, N 2596; Lake City, R 140.
481. **Daucus pusillus**, Michx. Jefferson county, H 729; Lake City, R 143.
482. **Chaerophyllum teinturierii**, H. & A. Duval county, C 1039.
483. **Chaerophyllum sativum**, Lam. Sister Islands, C 1040.

ARALIACEAE.

484. **Aralia spinosa**, L. Madison county, H 746; Lake City, R 220, H 742, 743; Eustis, N 1256, H 744, 745.

CORNACEAE.

485. **Cornus sericea**, L. Tallahassee, N 2517; Hernando county, H 734.
486. **Cornus microcarpa**, Nash. River Junction, N 2589; Lake City, H 733; Eustis, H 732.
487. **Cornus florida**, L. Jefferson county, H 735; Lake City, R 5, N 2159, H 736.
488. **Nyssa caroliniana**, Poir. Tallahassee, R 176; Jefferson county, H 738; Madison, H 739; Lake City, R 172, 171, 6, 972, N 2183; H 740, 741; Duval county, C 1061, 5787; Hernando county, H 737; —, S 27.
489. **Nyssa capitata**, Walt. McClenny, C 5976.

CAPRIFOLIACEAE.

490. **Sambucus canadensis**, L. Jefferson county, H 748; Lake City, R 997, H 749; Duval county, R 156, C 1082; Eustis, N 377, H 747; Polk county, R 155, 1404.
491. **Viburnum molle**, Mx., var. **tomentosum**, Chapm. River Junction, C 5896, N 2586; Hernando county, H 761.

492. **Viburnum nudum**, L. Jefferson county, H 754; Lake City, R 154, 157, 1069, H 755, 756; Duval county, C 1086; Eustis, N 269, 1016, 1617.
493. **Viburnum prunifolium**, L. Jefferson county, H 753; Lake City, R 154, 158, H 752.
494. **Viburnum obovatum**, Walt. River Junction, N 2593, a large-leaved form; Columbia county, H 757; Lake City, R 153, 971; Duval county, C 5744; E. Fla., C 1087; Marion county, H 758; Eustis, N 1492, H 759; Hernando county, H 760.
495. **Lonicera sempervirens**, Ait. Madison county, H 750; Lake City, R 988; Eustis, N 246; Hernando county, H 751.
496. **Lonicera japonica**, Ait. Duval county, C 5809. "Spontaneous in moist thickets."

RUBIACEAE.

497. **Exostema caribaeum**, R. & S. Upper Metacumbe Key, C 1132, 5505; No Name Key, S 161.
498. **Pinckneya pubens**, Michx. Quincy, C 5877; —, C 1131.
499. **Houstonia rotundifolia**, Michx. Jefferson county, H 819; Lake City, R 57, 1090, 1340; Eustis, H 820; Levy county, H 818; Sea Breeze, W 500; Palm Beach, H 816; Merritt's Is., Bates; Hernando county, H 817.
500. **Houstonia angustifolia**, Michx. Argyle, C 5933; Levy county, H 821; —, S.
501. **Var. filifolia**, Gray. Biscayne Bay, C 1137*; Cocoanutgrove, C 5484.
502. **Oldenlandia glomerata**, Michx. Lake City, R 196; Duval county, C 5807; Eustis, N 1282, 782, H 769; Titusville, N 2304; Rockledge, C 5732; Citrus county, H 771; Hernando county, H 770.
503. **Pentodon halei**, Gray. Citrus county, H 804; Inverness, C 5975; E. Fla., C 1135; Eustis, N 1566.
504. **Hamelia patens**, Jacq. Indian River, C 1128; Eustis, N 1278; Cutler, C 5500; Sugar Loaf Key, P 27.
505. **Catesbaea parviflora**, Sw. Bahia Honda Key, C 5633, No. B.
506. **Randia aculeata**, L. Palm Beach, C 5400, W 205, H 800, 801, 802; Lemon City, H 799; S. Fla., Swingle; Charlotte Harbor, W 164; Pavilion Key, S 200; Ragged Keys, W 314; Upper Metacumbe Key, C 1129; Sugar Loaf Key, P 32.
507. **Genipa clusiaefolia**, Griseb. Lemon City, H 796; New Found Harbor Key, P 81; Key Largo, C 5503; Ragged Keys, W 315; Indian Key, S 207; Bahia Honda Key, C 1130.
508. **Cephalanthus occidentalis**, L. Jefferson county, H 811; Lake City, R 202, H 810; Duval county, C 1118; Eustis, N 679, 892, H 808; New River, H 809.
509. **Morinda roioc**, L. Jupiter, C 5548; Lemon City, H 805; Miami, R 945; Caximbas Is., S 264; Sugar Loaf Key, P 70; Upper Metacumbe Key, C 1120.
510. **Guettarda scabra**, Lam. Biscayne Bay, C 5492.
511. **Guettarda elliptica**, Sw. Upper Metacumbe Key, C 1125.
512. **Erithalis fruticosa**, L. Palm Beach, C 5365, W 440, H 803; Big Pine Key, S 334; Lower Metacumbe Key, C 1127.
513. **Chiococca racemosa**, Jacq. Duval county, C 1121; Cape Canaveral, C 5765; Palm Beach, H 812; S. Fla., Swingle; Sugar Loaf Key, P 58.
514. **Var. parvifolia**, Gray. Lemon City, H 813, 815; Cocoanutgrove, W 354, H 814.
515. **Psychotria undata**, Jacq. Palm Beach, C 5380; Lemon City, H 798; Halifax River, C 1121*; Indian Key, S 232; Key Largo, C 5501.

516. *Psychotria tenuifolia*, Sw. Indian River, C 1122; Jupiter, C 5536; Palm Beach, C 1122; Key Largo, P 159.
517. *Strumpfia maritima*, Jacq. Shore of key in Sugar Loaf Sound, C 1124.
518. *Ernodea littoralis*, Sw. Indian River, C 1117; Palm Beach, Swingle, H 767, 768; Sanibel Is., W 193; Boca Chica Key, C 5629; Long Key, S 305; Sugar Loaf Key, P 54.
519. *Mitchella repens*, L. Lake City, R 201, 1070, H 807; Marion county, H 806.
520. *Richardia scabra*, L. Jefferson county, H 763; Lake City, R 194; Duval county, C 1112 α ; Eustis, N 394, W 515, H 764; Citrus county, H 762; Tampa, R 1121.
521. *Richardia brasiliensis*, Gom. Eustis, N 730, 1929, H 765.
522. *Spermacoce glabra*, Michx. Miami, C 1109.
523. *Spermacoce tenuior*, L. Key West, C 1111.
524. *Spermacoce parviflora*, Gray. Levy county, H 773; Eustis, N 208; Indian River, C 1113; Palm Beach, H 772; Polk county, R 199, 1381; Jupiter, C 5549; Cocoanutgrove, H 774; No Name Key, P 122; —, S 5.
525. *Spermacoce podocephala*, Hemsl. Biscayne Bay, C 1114; Miami, P 225; Cocoanutgrove, C 5481.
526. *Diodia virginiana*, L. Columbia county, H 780; Eustis, N 1275; New River, H 78.
527. *Diodia tetragona*, Walt. Jefferson county, H 782; Lake City, R 197, N 2214, H 783; —, S.
528. *Diodia hirsuta*, Pursh. Jefferson county, H 776; Lake City, R 195, H 778, 779; Eustis, N 1346, 729, H 775, 777.
529. *Diodia teres*, Walt. Jefferson county, H 786; Duval county, C 1116; E. Fla., H 784; Eustis, N 1587, H 785; Polk county, R 198.
530. *Galium pilosum*, Ait., var. *puncticulosum*, Gray. Jefferson county, H 795; Suwanee county, H 793; Lake City, R 215, H 794; Eustis, N 1383, H 792; Levy county, H 791.
531. *Galium trifidum*, L. Eustis, H 788.
532. *Galium uniflorum*, Michx. Columbia county, H 787; Lake City, R 217.
533. *Galium hispidulum*, Michx. Duval county, C 1096; Eustis, H 789, N 1232; Palm Beach, W 442, H 790.

VALERIANACEAE.

534. *Valeriana scandens*, L. Merritt's Is., C 1142; Columbia county, H 1449.

COMPOSITAE.

535. *Elephantopus tomentosus*, L. Tallahassee, N 2328; Lake City, R 657, 764; Alachua county, H 923; Eustis, N 1657, H 924; New River, H 922; —, R 412; —, S.
536. *Vernonia altissima*, Nutt. Columbia county, H 1115; Marion county, H 1116; Eustis, N 944.
537. *Vernonia angustifolia*, Michx. Jefferson county, H 1111; Madison county, H 1114; Lake City, R 355, 1281, 1304, H 1113; Eustis, N 1289, H 1112; Duval county, C 1157.
538. *Sclerolepis verticillata*, Cass. Jefferson county, H 1069; Suwanee county, H 1068.
539. *Ageratum littorale*, Gray. Jewfish Key, C 5446; No Name Key, S 246; Boca Chica Key, C 1163; Key West, P 12.

540. **Hartwrightia floridana**, Gray. McClenny, C 6006.
541. **Mikania scandens**, Willd. Columbia county, H 1036; Lake City, R 312, H 1031; Levy county, H 1034; Eustis, N 867, H 1038; Palm Beach, W 239, H 1032, 1033, 1035, 1037; No Name Key, C 1213*; Upper Metacumbe Key, P 136.
542. **Eupatorium heteroclinum**, Griseb. Lignum Vitæ Key, C 1195*.
543. **Eupatorium conyzoides**, Vahl. Cape Sable, S 215; Key Largo, P 196.
544. **Eupatorium purpureum**, L. Eustis, N 2118.
545. **Eupatorium coronopifolium**, Willd. Columbia county, H 942; Lake City, R 313; Duval county, C 1193; —, S.
546. **Eupatorium foeniculaceum**, Willd. Lake City, H 946; Duval county, C 1195; Levy county, H 944, Palm Beach, H 943, 945, 947; Miami, P 231.
547. **Eupatorium mikanioides**, Chapm. Indian River, C 1200; Eau Gallie, C 5734; Sanford, N 2279; Hernando county, H 2620; Lemon City, H 948; Palma Sola Bay, S 133.
548. **Eupatorium serotinum**, Michx. Duval county, C 5746; Ormand, W 473; Eustis, N 1565.
549. **Eupatorium album**, L. De Funiak, R 180; Jefferson county, H 949; Suwanee county, H 951; Alachua county, H 950; Lake City, N 2217, R 324, H 952; Duval county, C 1190, 6012.
550. **Eupatorium hyssopifolium**, L. Quincy, N 2566; Suwanee county, H 957; Lake City, R 966, H 958; Duval county, C 1196, 5693; Eustis, H 953; Alachua county, H 956; Polk county, R 345, 1426; Hernando county, H 955; New River, H 954; Eustis, N 422 (var. *laciniatum*, Gray).
551. **Eupatorium tortifolium**, Chapm. Madison county, H 959; Lake City, H 960; Duval county, C; Eustis, N 1526.
552. **Eupatorium semiserratum**, DC. Washington county, C 1201; Chattahoochee, C 5992; Jefferson county, H 961.
553. **Eupatorium teucrifolium**, Willd. Duval county, C 1211; Eustis, N 2263.
554. **Eupatorium rotundifolium**, L. Jefferson county, H 964; Lake City, R 963, H 963; Eustis, N 1688, 2262; Hernando county, H 962; Palma Sola Bay, S.
555. **Eupatorium perfoliatum**, L. Jefferson county, H 967; Lake City, R 353, H 965; Hernando county, H 966.
556. **Eupatorium incarnatum**, Walt. Chattahoochee, C 1197.
557. **Eupatorium aromaticum**, L. Suwanee county, H 971; Lake City, R 341, 413, H 972; E. Fla., H 968; Duval county, C 1192; New River, H 970; Lemon City, H 969.
558. **Eupatorium coelestinum**, L. Suwanee county, H 973; Columbia county, H 974; Lake City, R 404; Sanford, N 2256; Merritt's Is., C 5730.
559. **Eupatorium anomalum**, Nash. Lloyds, N 2515.
560. **Eupatorium villosum**, Sw. Biscayne Bay, C 1212; Miami, C 5839.
561. **Kuhnia eupatorioides**, L., var. *gracilis*. Biscayne Bay, C 1187*, 5493.
562. **Brickellia cordata**, Ell. Bellair, N 2554.
563. **Liatris elegans**, Willd. Quincy, N 2570; Lake City, R 308, 333, 408, 515.
564. **Liatris spicata**, Willd. St. Mark's, N 2542; Duval county, C 1178; Hernando county, H 1015; Palm Beach, H 1016.

565. **Liatris gracilis**, Pursh. Duval county, C 1181; New River H 1020; Lemon City, H 1019.
566. **Liatris tenuifolia**, Nutt. Lake City, R 330, 1299 in part, H 1017; Duval county, C 1174; Eustis, N 2599; New River, H 1018.
567. **Liatris garberi**, Gray. Palmetto, N 2430.
568. **Liatris chapmanii**, T. & G. Apalachicola, C 1182; Bellair, N 2547; Tampa, N 2473 (var. *longifolia*, Nash).
569. **Liatris pauciflora**, Pursh. Eustis, N 1711.
570. **Garberia fruticosa**, Gray. Tampa, C 1186.
571. **Carphephorus pseudo-liatris**, Cass. Apalachicola, C 1166.
572. **Carphephorus corymbosus**, T. & G. Suwanee county, H 884; Lake City, R 323, 1333, H 881; Eustis, H 882; Levy county, H 883; Duval county, C 1168; Tampa, R 1143; New River, H 1102, 1103, 1104; Manatee, S.
573. **Trilisa odoratissima**, Cass. River Junction, N 2592; Lake City, H 1101; Eustis, N 1590.
574. **Trilisa paniculata**, Cass. Lake City, R 340; Duval county, C 1185.
575. **Heterotheca lamarckii**, Cass. Suwanee county, H 997; Alachua county, H 999; Eustis, N 1718, H 998; Port Orange, W 488; Tampa, R 140.
576. **Chrysopsis graminifolia**, Ell. Madison county, H 891; Sanford, N 2313; Eustis, H 888; Lake City, R 390; Sea Breeze, W 496; Palm Beach, H 889, 890; Manatee, S.
577. **Chrysopsis argentea**, Ell. Lake City, N 2492, R 338, 401, H 892; New River, H 893. This specimen has slender radical leaves about a foot long and one to two lines wide, and has numerous slender rhizomes.
578. **Chrysopsis oligantha**, Chapm. Argyle, C 5942; Walton county, C 1361; Suwanee county, H 902; —, Buckley.
579. **Chrysopsis flexuosa**, Nash. Bellair, N 2545.
580. **Chrysopsis scabrella**, T. & G. Braidentown, S; Hernando county, H 894.
581. **Chrysopsis trichophylla**, Nutt. E. Fla., H 896, 897; Eau Gallie, C 1364; Sanford, R 317; Melbourne, C 5735; Eustis, N 1239; Polk county, R 347, 1441; Hernando county, H 898; New River, H 895.
582. **Chrysopsis hyssopifolia**, Nutt. Indian River, C 1364; Melbourne, C 5736.
583. **Chrysopsis mariana**, Nutt. Duval county, C 6057.
584. **Chrysopsis gossypina**, Nutt. Lake City, H 900, R 1311; Citrus, H 901; Eustis, N 1307, H 899.
585. **Aplopappus divaricatus**, Gray. Bellair, N 2556; River Junction, C 6005; Lake City, R 321.
586. **Aplopappus megacephalum** (*Eriocarpum megacephalum*, Nash). Palmetto, N 2432.
587. **Bigelovia nudata**, DC. Lake City, R 331; Baldwin, N 2597; New River, H 872; —, Calkins.
588. **Solidago sempervirens**, L. Duval county, C 6014; Lemon City, W 283, H 1076, 1079; New River, H 1075, 1077, 1078; Cape Sable, S 155; —, R 319; Miami, P 262.
589. **Solidago angustifolia**, Ell. Duval county, C 6074; Jensen, R 948.
590. **Solidago odora**, Ait. Lake City, R 1299, H 1080.
591. **Solidago chapmani**, Gray. Lake City, R 1287, 992, 1307; Eustis, N 1373, H 1083; Palm Beach, H 1081; New River, H 1082.
592. **Solidago tortifolia**, Ell. Alachua county, H 1086; Duval county, C 6015.

593. **Solidago pilosa**, Walt. Lake City, R 389, 322; Duval county, C 5791; Eustis, H 1084; New River, H 1085; —, R 393.
594. **Solidago amplexicaulis**, T & G. Jackson county, C 1300.
595. **Solidago boottii**, Hook., var. **ludoviciana**, Gray. Bellair, N 2557.
596. **Solidago tenuifolia**, Willd. Lake City, R 314; E. Fla., H 1087, 1088; New River, H 1089, 1090; Tampa, R 1124.
597. **Solidago canadensis**, L. Jefferson county, H 1092; Lake City, H 1091.
598. **Aphanostephus arkansanus**, Gray. Pensacola, C 1355*, 5916.
599. **Sericocarpus conyzoides**, Nees. De Funiak, C 5924.
600. **Sericocarpus tortifolius**, Nees. Madison county, H 1070; Lake City, R 391, 336, 402, 411; Eustis, N 295; Tampa, R 1142.
601. **Aster eryngifolius**, T. & G. Apalachicola, C 5887.
602. **Aster carolinianus**, Walt. Lake City, R 394; Eustis, H 832; Hernando, H 833; Palm Beach, H 834.
603. **Aster concolor**, L. Alachua county, H 830; Lake City, R 360, 397; Duval county, C 1234; Palm Beach, H 831; Lemon City, W 282.
604. **Aster adnatus**, Nutt. Hernando county, H 844.
605. **Aster undulatus**, L., var. **diversifolius**, Gray. Duval county, C 1278*.
606. **Aster dumosus**, L., var. **cordifolius**, T. & G. Columbia county, H 838; Lake City, R 1309; Duval county, C 1232*; Tampa, R 1120; New River, H 842, 843. These specimens have smooth stem, scabrous-margined leaves, the lower only narrowed at base, and extensively creeping slender rhizomes.
607. **Aster reticulatus**, Pursh. Jefferson county, H 837; Lake City, R 384; 1274, 1282; Eustis, N 340, H 835; Hernando county, H 836; Polk county, R 1292.
608. **Aster chapmani**, T. & G. Apalachicola, C 1232.
609. **Aster tenuifolius**, L. Duval county, C 1244; E. Fla., H 840; Palm Beach, H 839; Cape Romano, S 265.
610. **Aster subulatus**, Michx. Duval county, C 1250; Hernando county, H 841; Tampa, N 2416.
611. **Erigeron nudicaulis**, Michx. Jefferson county, H 932; Suwanee county, H 931; Lake City, R 1291, H 930; Eustis, N 202, 505, H 934.
612. **Erigeron quercifolius**, Lam. Duval county, C 1284; Eustis, N 199; Polk county, R 1275; Tampa, R 925.
613. **Erigeron strigosus**, Muhl. Jefferson county, H 936; Lake City, R 356, H 937; Duval county, C 1287; Eustis, H 935.
614. **Erigeron linifolius**, Willd. Apalachicola, C 5890; Duval county, C 1370, N 2315.
615. **Erigeron canadensis**, L. Jefferson county, H 940; Lake City, R 332, 1306, H 939; Eustis, H 938.
616. **Baccharis halimifolia**, L. Jefferson county, H 848; Madison county, H 847; Lake City, R 319; Duval county, C 1371, 6058.
617. **Baccharis glomeruliflora**, Pers. Lake City, R 354; Duval county, C 1372; Palm Beach, H 849, 850, 851, 852.
618. **Baccharis angustifolia**, Michx. Duval county, C 1373; Ormond, C 5564; Hernando county, H 846; Palmetto, N 2453; Lemon City, H 845.
619. **Pluchea odorata**, Cass. Key West, C 1377*, 5612.
620. **Pluchea quitae**, DC. Pensacola, C 1377**, ballast wharf.
621. **Pluchea longifolia**, Nash. Titusville, N 2293; Hernando county, H 1042.

622. **Pluchea bifrons**, DC. Duval county, C 1374; Eustis, N 758, H 1046.
623. **Var. imbricata**. Jefferson county, H 1044; Lake City, R 962, H 1043; Archer, R 362; Eustis, N 1434, H 1045.
624. **Pluchea camphorata**, DC. River Junction, C 5990; Marion county, H 1048; Lake City, N 2484; Duval county, R 367, C 1376; Eustis, N 1470, H 1046; Clearwater, R 329; New River, H 1047; Upper Metacumbe Key, P 142.
625. **Pterocaulon pycnostachyon**, Ell. Jefferson county, H 1056; Lake City, R 1310, H 1054; Duval county, C 1378; Archer, R 1284; Eustis N 365, H 1057; Polk county, R 344; New River, H 1055; Miami, P 254; —, Buckley; —, S.
626. **Gnaphalium purpureum**, L. Pensacola, R 359; Jefferson county, H 981; Lake City, H 980, R 348, 388, 387, 1076, 1450; Duval county, N 1551; Eustis, N 190, H 978; E. Fla., H 982; Hernando county, H 979; Polk county, R 1421; Palm Beach, W 389. N 190 and R 387 have narrow leaves and may be some other species.
627. **Gnaphalium polycephalum**, L. Lake City, R 310, 350, 1299 in part, H 983.
628. **Inula viscosa**, Ait. Pensacola, C 1369*, ballast wharf.
629. **Polymnia uvedalia**, L. Tallahassee, N 2327; Lake City, H 1049; Manatee, S.
630. **Acanthospermum humile**, DC. Pensacola, C 1491*.
631. **Acanthospermum xanthioides**, DC. Jefferson county, H 823; Lake City, R 625, 342, H 822; Duval county, C 1491, 5515; Eustis, N 724, H 824.
632. **Silphium asteriscus**, L. Chattahoochee, C 5946; Jefferson county, H 1073, 1074; Palma Sola Bay, S; —, S (1889). Simpson's specimens seem different from others.
633. **Silphium compositum**, Michx. Walton county, C 1384, 5941; Columbia county, H 1072.
634. **Berlandiera tomentosa**, Nutt. Jefferson county, H 866; Lake City, R 368, 629, 1294, N 2215; Falling Creek, R 379; Polk county, R 1290.
635. **Berlandiera subacaulis**, Nutt. Lake City, R 307; Alachua county, H 863; Eustis, N 808, R 385, H 864, 865; Eau Gallie, C 5699; Orlando, R 399; Kissimee, R 326; Mosquito Lagoon, C 1393; —, S.
636. **Parthenium hysterophorus**, L. Key West, C 5649; another specimen from Curtiss which has by mistake the label for 1508.
637. **Iva imbricata**, Walt. Sea Breeze, W 492; Upper Metacumbe Key, C 5507.
638. **Iva frutescens**, L. Duval county, C 1396; Titusville, N 2287; Hernando county, H 1007.
639. **Ambrosia artemisiaefolia**, L. Columbia county, H 828, 827; Duval county, C 1404; Hernando county, H 826.
640. **Ambrosia hispida**, Pursh. Palm Point, S 187; Boca Chica Key, P 106; Key West, C 1403, 5610.
641. **Xanthium strumarium**, L. Lake City, R 1279.
642. **Zinnia pauciflora**, L. Duval county, C 1417.
643. **Heliopsis gracilis**, Nutt. Chattahoochee, C 5872.
644. **Tetragonotheca helianthoides**, L. Walton county, C 1419; Columbia county, H 1100; Archer, R 363; Citrus county, H 1099.
645. **Eclipta alba**, Hook. Chattahoochee, C 5993; Duval county, R 366; Eustis, N 588, H 919; Palm Beach, W 412, H 920, 921.

646. **Melanthera hastata**, Michx. Jefferson county, H 1029; Eustis, H 1030; Hernando, H 1025; Palmetto, N 2433; Palm Beach, H 1026, 1028; Miami, C 5851.
647. **Melanthera deltoidea**, Michx. Long Key, C 5508; Elliott's Key, C 1415; Upper Metacumbe Key, P 133.
648. **Melanthera lanceolata**, Benth. Fort Lauderdale, C 5846; Palm Beach, H 1027; Lemon City, W 284.
649. **Spilanthes repens**, Michx. Columbia county, H 1093; Biscayne Bay, C 1501; —, S.
650. **Rudbeckia triloba**, L., var. **pinnatifida**, T. & G. Jackson county, C 1428*.
651. **Rudbeckia bicolor**, Nutt. Duval county, C 5673; Sanford, N 2272.
I cannot satisfactorily distinguish these from *R. hirta* in the herbarium specimens.
652. **Rudbeckia hirta**, L. Jefferson county, H 1066; Madison county, H 1062; Lake City, R 383, 396, 398, 327, 1296, 1301, H 1064; Duval county, C 1423; Eustis, N 961, H 1063; Polk county, R 358; Hernando county, H 1065.
653. **Rudbeckia fulgida**, Ait. Chattahoochee, C 5996; St. Mark's, N 2535.
654. **Rudbeckia mollis**, Ell. Lake City, H 1067.
655. **Wedelia carnos**a, Rich. Jupiter, C 5540.
656. **Borrichia arborescens**, DC. Torch Key, C 5436; Ragged Keys, W 317; Bahia Honda Key, S 356, C 1412.
657. **Borrichia frutescens**, DC. Lake City, R 334; Titusville, N 2289; E. Fla., H 876; S. Fla., Swingle; Palm Beach, H 874; Lemon City, H 875; Hernando county, H 873; Key West, P 4, C 5420; Biscayne Key, W 278.
658. **Helianthus debilis**, Nutt. Lake City, R 405; Palm Beach, W 417, 238, C 5373, H 990; Indian River, C 1441; Sarasota Key, C 1455.
659. **Helianthus angustifolius**, L. Lake City, R 339; Duval county, C 1437; Levy county, H 991.
660. **Helianthus radula**, T. & G. River Junction, N 2591.
661. **Helianthus heterophyllus**, Nutt. —, Buckley.
662. **Helianthus occidentalis**, Ridd. Washington county, C 1454.
663. **Helianthus strumosus**, L. River Junction, N 2581; Jefferson county, H 994; Madison county, H 993; Columbia county, H 992.
664. **Helianthella grandiflora**, T. & G. Suwanee county, H 996; Eau Gallie, C 5700; Sanford, R 318; Eustis, N 1225, H 995; Tavares, R 320; Tampa, R 1138, C 1463; —, Buckley.
665. **Helianthella tenuifolia**, T. & G. Apalachicola, C 5891.
666. **Verbesina virginica**, L. Jefferson county, H 1109; Lake City, N 2504, R 403, 1232; Hernando county, H 1108; Palm Beach, H 1110.
667. **Verbesina nudicaulis**, Gray. Walton county, C 1468, 5910; Jefferson county, H 1107; Madison county, H 1105; Lake City, N 2202, H 1106.
668. **Verbesina heterophylla**, Gray. Duval county, C 1468a.
669. **Verbesina encelioides**, B. & H. Key West, C 1503*, 5650.
670. **Coreopsis nudata**, Nutt. Duval county, C (1876).
671. **Coreopsis gladiata**, Walt. Duval county, C 1477; New River, H 910.
672. **Coreopsis angustifolia**, Ait. Duval county, C 5568.
673. **Coreopsis leavenworthii**, T. & G. Eustis, N 1257, 2255, 832; Levy county, H 911; Palm Beach, H 913, W 414, C 5375; New River, H 912; Halifax River, C 1480; Sanibel Is., W 176; Anna Marie Key, R 1127.
674. **Coreopsis tinctoria**, Nutt. Eustis, H 914. May have escaped from cultivation.

675. **Coreopsis lanceolata**, L. Pensacola, R 358, 392; Aspalaga, C 1481; Tallahassee, R 309; Madison county, H 915.
676. **Coreopsis pubescens**, Ell. Jackson county, C 1485*.
677. **Coreopsis senifolia**, Michx. —, Buckley.
678. **Coreopsis aurea**, Ait. Lake City, R 1286, H 917; Duval county, C 1472; Eustis, N 336, H 916; Hernando county, H 918; Polk county, R 400.
679. **Bidens nashii**, Small. Tallahassee, N 2336.
680. **Bidens leucantha**, Willd. Lake City, R 1278; E. Fla., H 869; Orlando, R 409; Ovieda, R 1297; Eustis, N 653, H 867; Palm Beach, C 5387, H 868; Mosquito Lagoon, C 1498; Sugarloaf Key, P 59.
681. **Bidens bipinnata**, L. Lake City, R 335, N 2495, H 871; Duval county, C 1499, 6013; Eustis, H 870.
682. **Baldwinia uniflora**, Nutt. Lake City, R 982, 1356 in part; Duval county, C 1521, N 2322.
683. **Baldwinia multiflora**, Nutt. Marion county, H 853; Lake City, R 352, 1288, 1300, 1276; Duval county, C 1522; Eustis, H 854; Tavares, R 1305; Alachua county, H 857; Levy county, H 855; Tampa, R 1154; New River, H 856.
684. **Marshallia angustifolia**, Pursh. Walton county, R 1303, C 5932; Lake City, R 370, 406, 973, H 1024; Baldwin, N 2318; —, Buckley.
685. **Tridax procumbens**, L. Elliott's Key, C 5453; Upper Metacumbe Key, P 150.
686. **Hymenopappus scabiosaeus**, L'Her. Suwanee county, H 1006; Gainesville, C 1508.
687. **Polypterus integrifolius**, Nutt. Lake City, R 1298, 1308; Duval county, C 1507; Alachua county, H 1050; Citrus county, H 1053; Eustis, H 1051; Polk county, R 349, 1373; Tampa, R 1148; New River, H 1052; —, S.
688. **Palafoxia feayi**, Gray. Eustis, H 1040; Indian River, C 1507*; Palm Beach, H 1038; Lemon City, H 1039.
689. **Helenium tenuifolium**, Nutt. Pensacola, R 1250; River Junction, C 5898; Tallahassee, N 2355; Jefferson county, H 985; Lake City, H 984; Archer, R 386; Hernando county, H 986.
690. **Helenium nudiflorum**, Nutt. Suwanee county, H 988; Duval county, C 1520; Eustis, N 1877, 550; Hernando county, H 987; Citrus county, H 989; Sumter county, C 1520*. The last two specimens are rayless.
691. **Helenium autumnale**, L. St. Mark's, N 2534.
692. **Helenium vernale**, Walt. Kissimee, R 325.
693. **Gaillardia lanceolata**, Michx. Madison county, H 977; Duval county, C 1506; Eustis, N 602, H 976.
694. **Flaveria linearis**, Lag. Daytona, W 509; Titusville, N 2301; Indian River, C 1504; Palm Beach, C 5524, H 975; Jensen, R 949; Sanibel Is., W 175; No Name Key, S 185; Newfound Harbor Key, P 79.
695. **Flaveria contrayerba**, L. Pensacola, C 1504**, R 492, ballast plant.
696. **Pectis ciliaris**, L. Tampa, N 2479; Sanibel Is., S 301.
697. **Pectis linifolia**, Less. Biscayne Bay, C 1162, 5496; Cocconutgrove, H 1041; Cape Sable, S 170; Sugarloaf Key, P 34.
698. **Anthemis cotula**, L. Madison county, H 829.
699. **Anthemis mixta**, L. Pensacola, C 5914, ballast plant.
700. **Achillea millefolium**, L. Madison county, H 825.
701. **Chrysanthemum leucanthemum**, L. Suwanee county, H 887.
702. **Senecio lobatus**, Pers. Chattahoochee, C 1565; Losman's Key, S 154.

703. *Cacalia floridana*, Gray. Walton county, C 1560*; Madison county, H 879; Lake City, R 374; Archer, R 1285; Eustis, N 853, H 877, 878; Manatee, S.
704. *Cacalia lanceolata*, Nutt. Hernando county, H 880; —, S 33.
705. *Erechtites hieracifolia*, Raf. Madison county, H 926; Lake City, R 357, H 928; Duval county, C 1556; Daytonia, W 478; Eustis, H 927; Palm Beach, H 925; Upper Metacumbe Key, P 141.
706. *Emilia sonchifolia*, DC. Jensen, R 952.
707. *Cnicus horridulus*, Pursh. Madison county, H 904; Lake City, H 906; Eustis, N 367, H 905; Cape Romano, S 258; Hernando county, H 907; —, Powell.
708. *Cnicus virginianus*, Pursh. Lake City, R 1302; Duval county, C 1585.
709. *Cnicus nuttallii*, Gray. Duval county, R 365; Eustis, N 663, H 909; Levy county, H 908; Clearwater, R 328.
710. *Cnicus repandus*, Ell. Biscayne Bay, C 1589; Palm Beach, H 903.
711. *Chaptalia tomentosa*, Vent. Duval county, C 1595; Lake City, R 403; Lake Helm, W 361; New River, H 885, 886; —, R 395.
712. *Krigia virginica*, Willd. Madison county, H 1009; Lake City, R 364, 646, 1068; Eustis, N 278, H 1008; Duval county, C 1599.
713. *Hieracium gronovii*, L. Tallahassee, N 2324; Suwanee county, H 1003; Lake City, R 763, 1273, H 1005; Alachua county, H 1001, 1002; Levy county, H 1004; Duval county, C 1608; Eustis, H 1006.
714. *Hieracium megacephalum*, Nash. Eustis, N 390; Polk county, R 346, 1440; New River, H 1000.
715. *Prenanthes serpentaria*, Pursh. Duval county, C 5790.
716. *Lygodesmia aphylla*, DC. Jefferson county, H 1021; Madison county, H 1022; Duval county, C 1620; Eustis, N 280, H 1023; Polk county, R 343, 1391.
717. *Pyrrophappus carolinianus*, DC. Jefferson county, H 1058, 1060; Madison county, H 1059; Lake City, R 407, 1085, H 1061; Duval county, C 1623.
718. *Lactuca canadensis*, L. Tallahassee, N 2398.
719. *Lactuca graminifolia*, Michx. Jefferson county, H 1010; Madison county, H 1014; Tallahassee, N 2362; Lake City, R 1295, H 1013; Eustis, H 1013.
720. *Lactuca floridana*, Gaertn. Columbia county, 1012; Duval county, C 1629, 5763; Eustis, H 1011.
721. *Sonchus oleraceus*, L. Lake City, R 1289; Columbia county, H 1095; Alachua county, H 1094; Marion county, H 1096; Eustis, H 1093, 1097; Upper Metacumbe Key, P 144.

GOODENIACEAE.

722. *Scaevola plumieri*, Vahl. Palm Beach, C 5523, W 223, R 223; Cape Malabar, C 1649; Sanibel Is., W 189; Palma Sola Bay, S; Boca Chica Key, P 104.

LOBELIACEAE.

723. *Lobelia cardinalis*, L. Duval county, C 1634.
724. *Lobelia puberula*, Michx. Duval county, C 5565; —, S.
725. Var. *glabella*, Hook. Lake City, R 1245.
726. *Lobelia amoena*, Michx., var. *obtusata*, Gray. Coconutgrove, H 1117.
727. *Lobelia glandulosa*, Walt. Lake City, R 450, 449; Duval county, C 1640; Hernando, H 1119; Palm Beach, H 1118.

728. **Lobelia paludosa**, Nutt. Lake City, R 1246; Falling Creek, R 1280 in part; Duval county, C 1647; Eustis, N 501, H 1120; Hernando county, H 1121; Polk county, R 448, 1395; —, S.
729. **Lobelia nuttallii**, R. & S. Walton county, C 1643, 5902.
730. **Lobelia cliffortiana**, L., var. *xalapensis*, Gray. Hernando county, H 1122; —, S.
731. **Lobelia feayana**, Gray. Mosquito Inlet, C 1641*; Tampa, R 924; Cape Canaveral, C 5831.

CAMPANULACEAE.

732. **Campanula floridana**, Wats. Mosquito Inlet, C 1651*; New Smyrna, C 5863.
733. **Specularia perfoliata**, A. DC. Lake City, R 447; Duval county, C 1657.

ERICACEAE.

734. **Gaylussacia dumosa**, T. & G. Jefferson county, H 1128; Suwanee county, H 1131; Lake City, H 1129, 1132; Eustis, N 9, 1938, H 1130; Duval county, C 1660.
735. **Gaylussacia frondosa**, T. & G. Jefferson county, H 1124; Lake City, R 577, 587, 589, 590, 591, 604, 1063, 1242, H 1123; Duval county, C 1661, 1661 (var. *nana*); Eustis, H 1126, 1127, N 530 (var. *nana*); Hernando county, H 1125.
736. **Vaccinium arboreum**, Michx. Suwanee county, H 1158; Lake City, N 2175, R 584, 586, 1065, H 1159; Eustis, N 81, H 1157; Hernando county, H 1156.
737. **Vaccinium stamineum**, L. Suwanee county, H 1162; Lake City, R 251, 572, H 1163; Eustis, N 573, H 1161; Hernando, H 1162.
738. **Vaccinium myrsinites**, Michx. Jefferson county, H 1166; Lake City, R 279 580, 605, 606, H 1169; Duval county, C 5827 (*V. nitidum*, Andr.), R 1078; Eustis, N 55, 1969, H 1168; Hernando county, H 1165; Palm Beach, H 1164; New River, H 1167; Miami, P 268. I cannot separate *V. nitidum* in my specimens.
739. **Vaccinium formosum**, Andr. Lake City, R 583, 1091, 1242; Duval county, C 5825.
740. **Vaccinium virgatum**, Ait., var. *tenellum*, Gray. Duval county, C 1670.
741. **Vaccinium cubense**, Griseb. Cape Canaveral, C 1669*.
742. **Vaccinium corymbosum**, L., var. *fuscatum*, Gray. Lake City, N 2179; R 221, 581, 635.
743. **Andromeda phillyreifolia**, Hook. Walton county, C 1699.
744. **Andromeda nitida**, Bartr. Jefferson county, H 1134; Lake City, R 576, 1061, H 1136; Eustis, N 64, H 1137, 1138, W 398; Polk county, R 568, 1397; Palm Beach, H 1133, 1135.
745. **Andromeda mariana**, L. Jefferson county, H 1139; White Springs, R 954; Lake City, N 2223; Falling Creek, R 377; —, S.
746. **Andromeda ferruginea**, Walt. Jefferson county, H 1153; Marion county, H 1154; Lake City, R 1364; Eustis, N 17, H 1152, 1155; Tavares, R 228.
747. **Andromeda fruticosa**. Jefferson county, H 1150; Lake City, R 585, 588, H 1151; Hernando county, H 1146; Eustis, N 700, 1815, H 1147, 1148; Polk county, R 570; Palm Beach, H 1143, 1145; New River, H 1150; Lemon City, H 1144; —, Buckley; —, S.
748. **Andromeda ligustrina**, Muhl. Jefferson county, H 1141; Lake City, R 653, H 1142; Eustis, N 528, H 1140.

749. **Oxydendrum arboreum**, DC. Jefferson county, H 1176.
 750. **Leucothoe axillaris**, Don. Duval county, C 1690.
 751. **Leucothoe acuminata**, Don. Duval county, C (1876).
 752. **Leucothoe racemosa**, Gray. Jefferson county, H 1185; Suwanee county, H 1184; Lake City, R 245, 246, 578, H 1183; Eustis, N 177, H 1182.
 753. **Kalmia hirsuta**, Walt. Jefferson county, H 1177; Lake City, N 2193, R 976, H 1178.
 754. **Azalea viscosa**, L. Jefferson county, H 1172; Eustis, N 1306, H 1171.
 755. **Azalea nudiflora**, L. Chattahoochee, C 1718*; Jefferson county, H 1173.
 756. **Bejaria racemosa**, Vent. Citrus county, H 1181; Leesburg, R 582; Eustis, N 803, H 1179; Tavares, R 573; Polk county, R 569, 1393; New River, H 1180.
 757. **Clethra alnifolia**, L. Walton county, R 673, C 5943; Jefferson county, N 2508, H 1170.
 758. **Monotropa uniflora**, L. Lake City, R 571; Eustis, H 1174; Palm Beach, W 302, H 1175.

PLUMBAGINACEAE.

759. **Statice caroliniana**, Walt. Duval county, C 5581; Ponce Park, W 480; Hernando county, H 1187.
 760. **Plumbago scandens**, L. Hillsboro River, C 1791; S. Fla., Swingle; Palm Beach, C 5367, H 1186.

PRIMULACEAE.

761. **Centunculus minimus**, L. Gilbert's Bar, C 5862.
 762. **Samolus floribundus**, HBK. Suwanee county, H 1190; Columbia county, H 1188; Duval county, C 1810; Eustis, N 253, H 1189; Key Largo, P 185.
 763. **Samolus ebracteatus**, HBK. Hernando county, H 1192; Indian River, C 1811; New River, H 1191; Sanibel Is., W 182; Cape Florida, C 5479; Tampa, N 2425; Clearwater, R 436; Sugarloaf Key, P 77.

MYRSINACEAE.

764. **Myrsine rapanea**, R. & S. Rockledge, Swingle; Palm Beach, W 228, H 1197; Arch Creek, C 5459; Lemon City, H 1194, 1195, 1196; Palmetto, N 2440; Sanibel Is., W 195; Sugarloaf Key, P 57.
 765. **Ardisia pickeringii**, T. & G. Jupiter Inlet, C 5552; Indian River, C 1779; Palm Beach, H 1193; Palmetto, N 2458; S. Fla.; Swingle, Sugarloaf Key, P 52; —, S.
 766. **Jacquinia armillaris**, L. South border of Everglades, C 1777; Jewish Key, C 5447; Saddle Bunch Key, P 25; Key West, S 294.

SAPOTACEAE.

767. **Chrysophyllum olivaeforme**, Lam. Merritt's Is., C 1758*.
 768. **Sideroxylon masticodendron**, Jacq. Indian River and Upper Metacumbe Key, C 1759; Indian Key, S 218; Palm Beach, Swingle, H 1198.
 769. **Dipholis salicifolia**, A. DC. Biscayne Bay, C 1760; Miami, C 5859; Chokoliska Is., S. 223; Key Largo, P 197.
 770. **Bumelia tenax**, Willd. Duval county, C 5678; Sea Breeze, W 467.
 771. **Bumelia lanuginosa**, Pers. Lake City, R 46, H 1200; Eustis, N 2167, 818, H 1201; Marion county, H 1202; Hernando county, H 1199.
 772. **Bumelia lycioides**, Gaertn. Lake City, R 1353; Mosquito Inlet, C 1761.

773. **Var. reclinata**, Gray. Marion county, H 1203; —, S 48.
 774. **Bumelia cuneata**, Sw. South border of Everglades and Bahia Honda Key, C 1765; Ragged Keys, Swingle 117; Key Largo, Swingle 116; Caxambas Is., S 276.
 775. **Mimusops sieberi**, A. DC. Torch Key, C 5437; No Name Key, S 212, Boca Chica Key, C 1766; Key West, P 6.

EBENACEAE.

776. **Diospyros virginiana**, L. Jefferson county, H 1204; Lake City, R 663, H 1205; Eustis, N 2033; Hernando county, H 1206; Polk county, R 621.

STYRACACEAE.

777. **Symplocos tinctoria**, L'Her. Lake City, R 628, 445, 1067; Duval county, C 5605.
 778. **Halesia diptera**, L. Jackson county, C 1770; River Junction, N 2393, C 5987.
 779. **Halesia tetraptera**, L. River Junction, N 2373.
 780. **Styrax pulverulenta**, Michx. Duval county, C 1768.

OLEACEAE.

781. **Fraxinus americana**, L. Jefferson county, H 1208; Lake City, H 1209; Eustis, N 723.
 782. **Fraxinus euptera**, Michx. Columbia county, H 1212; Citrus county, H 1211; Eustis, N 941, 1698, H 1210.
 783. **Fraxinus cubensis**, Griseb. Palmetto, N 2431.
 784. **Chionanthus virginica**, L. River Junction, N 2391; Lake City, R 661; Eustis, N 275, 2127.
 785. **Forestiera porulosa**, Poir. Palm Beach, Swingle; Palm Beach and Miami, C 5364; Tampa, N 2423; White Horse Key, S 254; Sanibel Is., W 192.
 786. **Osmanthus americanus**, B. & H. Duval county, C 2314; Eau Gallie, C 5778; Sea Breeze, W 498; Eustis, N 986, H 1207.

APOCYNACEAE.

787. **Vallesia glabra**, Cav. Cape Sable, S 151; Key West, C 2271, 5620.
 788. **Amsonia ciliata**, Walt. Bellair, N 2546; Tallahassee, R 955; Aspalaga, C 2269; Alachua county, H 1214; Citrus county, H 1215.
 789. **Vinca rosea**, L. Lemon City, H 1217; Eustis, N 726; Hernando county, H 1216; Key Largo, P 177.
 790. **Apocynum cannabinum**, L. Jefferson county, H 1213; Lake City, R 720, 731.
 791. **Echites andrewsii**, Chapm. Summerland, S 214; Upper Metacumbe Key, C 2267.
 792. **Echites paludosa**, Vahl. Palm Beach, H 1219; New River, H 1220; Lemon City, H 1218, 1221; Miami, C 2266*; Old Turner Place, S 252.
 793. **Echites umbellata**, Jacq. Palm Beach, W 434; Lemon City, H 1222; Miami, R 943; Elliotts Key, W 325; Cape Sable, S 152, C 2266; Old Rhodes Key, C 5448; Sugarloaf Key, P 78.
 794. **Trachelospermum difforme**, Gray. Chattahoochee, C, 5893.

ASCLEPIADACEAE.

795. **Philibertia viminalis**, Gray. Indian River, C 2306; Palm Beach, H 1223, 1224; Cape Sable, S 331; Key West, C 5624.
 796. **Podostigma pubescens**, Ell. Eustis, H 1226; Pease Creek, C 2299; Hernando county, H 1225.

797. *Anantherix connivens*, Gray. Eustis, N 2055.
798. *Asclepiodora viridis*, Gray. Levy county, H 1227.
799. *Asclepias tuberosa*, L. Jefferson county, H 1241; Suwanee county, H 1238; Duval county, C 2290; Lake City, R 730, 725, 1208, 1209, 1212, H 1234; Alachua county, H 1239; Eustis, H 1240; Polk county, R 724, 1394; New River, H 1242.
800. *Asclepias paupercula*, Michx. Lake City, R 1207; Duval county, C 5418; Eustis, N 2048; Hernando, H 1244; —, S 33.
801. *Asclepias incarnata*, L. Eustis, N 1514.
802. *Asclepias obtusifolia*, Michx. Suwanee county, H 1245; Lake City, H 1246; Alachua county, H 1247.
803. *Asclepias amplexicaulis*, Michx. Suwanee county, H 1247; Madison county, H 1248; Lake City, R 727, H 1251; Eustis, H 1249; Citrus county, H 1250.
804. *Asclepias tomentosa*, L. Duval county, C 5688; Eustis, H 1252, 1254; Citrus county, H 1253; Mosquito Lagoon, C 2289.
805. *Asclepias obovata*, Ell. Madison county, H 1258; Lake City, H 1255; Levy county, H 1156; Eustis, H 1257; Polk county, R 723.
806. *Asclepias curtissii*, Gray. Lake City, R 1211; Eustis, R 1210, H 1259.
807. *Asclepias cineria*, Walt. Suwanee county, H 1261; Lake City, N 2220; Eustis, H 1260; Polk county, R 721.
808. *Asclepias perennis*, Walt. River Junction, N 2389; Columbia county, H 1262; Tocoi, C 2283; —, S.
809. *Asclepias verticillata*, L. Suwanee county, H 1264; Eustis, H 1263; Levy county, H 1265; Polk county, R 722.
810. *Asclepias angustifolia*, Ell. Lake City, R 729.
811. *Asclepias feayi*, Gray. Eustis, N 796.
812. *Metastelma blodgettii*, Gray. Palm Beach, H 1228; Biscayne Bay, C 2301; Lemon City, H 1229; No Name Key, C 5441, P 119; —, S 195.
813. *Metastelma bahamense*, Griseb. Indian River, C 2300; Ragged Keys, W 321; Bahia Honda Key, C 5443.
814. *Seutera maritima*, Dec. Titusville, N 2300; Hernando county, H 1230; Sugarloaf Key, P 36; —, S.
815. *Vincetoxicum scoparium*, Gray. Upper Metacumbe Key, C 5504; Key Largo, C 5639.
816. *Gonolobus suberosus*, R. Br. Eustis, N 1986, 2133.
817. *Gonolobus hirsutus*, Michx. Columbia county, H 1236; Lake City, R 507, 636, H 1235; Duval county, C 5948; Eustis, N 1132, H 1237.
818. *Gonolobus pubiflorus*, Engelm. Columbia county, H 1234; Alachua county, H 1233; Levy county, H 1232; Eustis, H 1231.

LOGANIACEAE.

819. *Gelsemium sempervirens*, Ait. Jefferson county, H 1268; Lake City, R 615, 1092, N 2166, H 1267; Levy county, H 1266.
820. *Spigelia anthelmia*, L. Elliotts Key, C 5454.
821. *Spigelia loganioides*, A. DC. Sumterville, C 2258.
822. *Mitreola petiolata*, T. & G. Suwanee county, H 1261; Columbia county, H 1260; Duval county, C 5751; Indian River, C 2261; Citrus county, H 1262; Manatee, S; Cocoanutgrove, H 1269.
823. *Mitreola sessilifolia*, T. & G. Lake City, R 258; Baldwin, N 2320.
824. Var. *angustifolia*, T. & G. Duval county, C 5752, N 2248.

825. **Polypremum procumbens**, L. Jefferson county, H 1267; Alachua county, H 1265; Lake City, R 192, 504, H 1266; Eustis, N 727, H 1268, 1269; Tavares, R 616; E. Fla., H 1264; Polk county, R 193, 1422; Palm Beach, H 1263.

GENTIANACEAE.

826. **Sabbatia macrophylla**, Hook. Argyle, C 5931; Lake City, R 1369; Baker county, C 2224.
827. **Sabbatia lanceolata**, T. & G. De Funiak, C 5906; Orange county, C 2222; Eustis, N 849, H 1279, 1280.
828. **Sabbatia calycosa**, Pursh. Columbia county, H 1282; Eustis, H 1281.
829. **Sabbatia stellaris**, Pursh. Daytona, W 505; Hernando county, H 1283; Tampa, R 1134.
830. **Sabbatia gracilis**, Salisb. Lake City, R 1344; Titusville, N 2303; Duval county, C 5228; —, Buckley.
831. Var. **grandiflora**, Gray. Baldwin, R 499; Eustis, N 763, 1982, H 1285, 1286, 1287; Polk county, R 274, 1389, 1435; Mosquito Lagoon, C 2228*; New River, H 1284; —, Buckley.
832. **Sabbatia elliottii**, Steud. Lake City, R 272, 455; Tampa, N 2422, R 1144.
833. **Sabbatia angularis**, Pursh. Merritts Is., C 2227.
834. **Sabbatia chloroides**, Pursh. Milton, C 5928; Jefferson county, H 1288; Duval county, R 275, N 2250, C 2231; Polk county, R 273. Specimens from the last three localities are var. *stricta*.
835. **Sabbatia gentianoides**, Ell. Baker county, C 2233.
836. **Gentiana saponaria**, L. Lake City, R 501.
837. **Eustoma exaltatum**, Griseb. Indian River, C 2234; Titusville, N 2284; Hernando county, H 1295; Lemon City, H 1296, 1297; Boca Chica Key, C 5432; No Name Key, S 271.
838. **Bartonia verna**, Muhl. Columbia county, R 503; Duval county, C 2251, R 502, 1077.
839. **Limnanthemum trachyspermum**, Gray. Madison county, H 1294; Lake City, R 940, H 1293; Eustis, N 1144, H 1289, 1290, 1291, 1292; Indian River, C 2255.

POLEMONIACEAE.

840. **Phlox glaberrima**, L. River Junction, C 5873, One plant belongs to the next.
841. **Phlox pilosa**, L. River Junction, C 5873 in part; Jefferson county, H 1273; Suwanee county, H 1272; Lake City, R 732; Madison county, H 1271; Duval county, C 2146; Eustis, H 1270; Hernando county, H 1274. Some of these may be *P. floridanum*, but I cannot separate them.
842. **Phlox subulata**, L. Alachua county, H 1275; Duval county, C 2150, 5868.
843. **Phlox drummondii**, Hook. Lake City, R 734, 1266, H 1278; Alachua county, H 1276; Citrus county, H 1277. Escaped.
844. **Gilia coronopifolia**, Pers. Cape Canaveral, C 5705; Grand Island, R 224; Eustis, N 1189.

HYDROPHYLLACEAE.

845. **Nama jamaicensis**, L. E. Fla., H 2621; Key West, C 2137.
846. **Hydrolea corymbosa**, Ell. Sanford, N 2281.
847. **Hydrolea quadrivalvis**, Walt. River Junction, C 5939; Tallahassee, N 2353; Jefferson county, H 1298.

BORAGINACEAE.

848. *Cordia sebestena*, L. Rabbit Key, S 206; Key West, C 2084.
849. *Cordia globosa*, HBK. Key West, C 5428, No. F.
850. *Bourreria havanensis*, Miers. Elliott's Key, C 2085, 5427.
851. *Tournefortia gnaphalodes*, R. Br. Palm Beach, W 221, H 1299; Grassy Key, C 5635; Newfound Harbor Key, P 83; Upper Metacumbe Key, C 2087.
852. *Tournefortia volubilis*, L. Palm Beach, W 387; Key West, C 2088, 5429.
853. *Heliotropium polyphyllum*, Lehm. Biscayne Bay, C 2092*; Lemon City, H 1300 (in fruit).
854. Var. *leavenworthii*, Gray. Indian River, C 2090*; Citrus county, H 1301; Rabbit Key?, S (labeled 290, *Portulaca halimoides*).
855. *Heliotropium europaeum*, L. Pensacola, C 2039, ballast wharf.
856. *Heliotropium curassavicum*, L. Mosquito Lagoon, C 2090; Key West, C 5426.
857. *Heliotropium anchusaefolium*, Poir. Hernando county, H 1307. Escaped.
858. *Heliotropium parviflorum*, L. Palm Beach, W 411, C 5396, H 1302, 1303; Palmetto, N 2455; Clearwater, R 433; Hillsboro River, C 2094; Miami, R 939; Upper Metacumbe Key, P 138.
859. *Heliotropium indicum*, L. River Junction, C 5988.
860. *Lithospermum tuberosum*, Rugel. Chattahoochee, C 2105.
861. *Lithospermum hirtum*, Lehm. Walton county, C 2106.
862. *Onosmodium virginianum*, DC. Jefferson county, H 1305; Lake City, H 1305; Duval county, C 2098; Eustis, N 99, H 1306; Polk county, R 618, 1417.

CONVOLVULACEAE.

863. *Dichondra repens*, Först. Madison county, H 1328; Lake City, R 252; Eustis, N 200.
864. *Ipomoea bona-nox*, L. Lake City, R 1348; Eustis, H 1309; Jupiter, C 5543; Palm Beach, H 1308; Key Largo, P 170.
865. *Ipomoea quamoclit*, L. Eustis, N 2600; Duval county, C 2155, 6009.
866. *Ipomoea hederacea*, Jacq. Tallahassee, N 2532; Duval county, C 5800.
867. *Ipomoea cathartica*, Poir. Merritt's Is., C 2168; Palm Beach, H 1310; Lemon City, H 1311; Miami, C 5843; Western Key, S 296; Jewfish Key, P 128.
868. *Ipomoea pes-caprae*, Sweet. E. Fla., C 2160; Jupiter Inlet, C 5533; Palm Beach, H 1312.
869. *Ipomoea batatas*, Lam. Sugarloaf Key, P 73.
870. *Ipomoea pandurata*, Mey. Jefferson county, H 1315; Alachua county, H 1314; Lake City, R 506 in part, 512, 1255; H 1316, 1317; Eustis, N 777, H 1313; — R 1256.
871. *Ipomoea sagittata*, Cav. Eustis, N 720; Tavares, R 513; Hernando county, H 1318; Palma Sola Bay, S.
872. *Ipomoea sinuata*, Ort. Eustis, N 934; Tampa, S.
873. *Ipomoea commutata*, R. & S. Lake City, H 1319; Eustis, N 719; Manatee, S 105; No Name Key, P 111; Key Largo, P 165.
874. *Ipomoea triloba*, L. Duval county, C 5575.
875. *Ipomoea acetosaefolia*, R. Br. —, Curtiss.
876. *Convolvulus sepium*, L. Eustis, H 1320.
877. Var. *repens*, Gray. Duval county, C 2172; Tavares, R 514.

878. **Convolvulus arvensis**, L. Pensacola, C 5915.
879. **Convolvulus nodiflorus**, Desr. Palm Beach, W 230, H 1321; Bahia Honda Key, B 5646.
880. **Convolvulus havanensis**, Jacq. Palm Beach, C 5860; Lemon City, H 1322; Cocconutgrove, H 1323; Bahia Honda Key, C (labeled 5646, but probably an error).
881. **Jacquemontia violacea**, Choisy. No Name Key, C 5631; Upper Metacumbe Key, P 149.
882. **Jacquemontia tamnifolia**, Griseb. Chattahoochee, C 5995; Tallahassee, N 2516; Miami, R 937.
883. **Jacquemontia curtissii**, Peter. Biscayne Bay, C 2170; Miami, C 5856.
884. **Evolvulus alsinoides**, L. Losmans Key, S 199.
885. **Evolvulus sericeus**, Sw. Suwanee county, H 1325; Alachua county, H 1326; Eustis, H 1324; Levy county, H 1327; Polk county, R 475, 1402; Biscayne Bay, C 2179.
886. **Breweria grandiflora**, Gray. Tavares, R 511; Eustis, N 1326, H 1329.
887. **Breweria humistrata**, Gray. River Junction, N 2307.
888. **Breweria villosa**, Nash. Eustis, N 770, 771, 1508a; Polk county, R 452, 1378.
889. **Breweria angustifolia**, Nash. Suwanee county, H 1332; Alachua county, A 1331; Eustis, N 971, H 1334; Citrus county, H 1330. Corolla only half the usual length, peduncles about one-half inch long, leaves very narrow, one-half inch long.
890. **Breweria aquatica**, Gray. De Funiak, C 5903 (labeled *Evolvulus sericeus*); Jefferson county, H 1335; Madison county, H 1333; Lake City, H 1336; Miami, C 5855.
891. **Cuscuta arvensis**, Beyr. Carabelle, C 5881; Marion county, H 1337; Titusville, N 2283.
892. **Cuscuta neuropetala**, Engelm. Lake City, R 509 (on *Eupatorium foeniculaceum*); Palma Sola Bay, S (on *Myrica cerifera*); —, R 627 (on egg plant).
893. **Cuscuta compacta**, Juss. Lake City, R 508 (on *Ilex glabra*), 510 (on *Vitis rotundifolia*); Duval county, C 2193 (on *Andromeda*).

SOLANACEAE.

894. **Solanum nigrum**, L. Pensacola, R 718; Jefferson county, H 1348; Suwanee county, H 1352; Citrus county, H 1345; Levy county, H 1351; Lake City, R 709, 713, 719, H 1355; Eustis, N 1220, H 1347, 1350; Polk county, R 454, 1396; St. Cloud, R 708; Palm Beach, W 256, H 1354, 1357 (low, with small dentate leaves); New River, H 1356; Key Largo, P 190.
895. **Solanum verbascifolium**, L. New River, H 1344; Hillsboro River, C 2198; Miami, R 937; Elliotts Key, W 309; Key Largo, C 5456; Sugarloaf Key, P 38.
896. **Solanum blodgettii**, Chapm. Losmans Point, S 156; Upper Metacumbe Key, C 2199; Key West, 9349, 350, P 3, 7.
897. **Solanum bahamense**, L. Palm Beach, C 5519, W 207, Swingle, H 1345; Lemon City, H 1346; Elliott's Key, W 336; Jewfish Key, P 129; Key Largo, P 173.
898. **Solanum aculeatissimum**, L. Marion county, H 1341; Madison county, H 1342; Lake City, R 717, H 1343; Eustis, H 1340.

899. *Solanum elaeagnifolium*, Cav. Pensacola, C 5913.
900. *Solanum carolinense*, L. Tallahassee, R 178; Jefferson county, H 1335; Citrus county, H 1338.
901. *Solanum sisymbriifolium*, Lam. Pensacola, R; Duval county, C 5686.
902. *Physalis angulata*, L. Lake City, R 710, 711, 714, 716; Duval county, C 2208, 5737; Eustis, N 1052; Levy county, H 1358.
903. *Physalis angustifolia*, Nutt. No Name Key, C 5442, P 117; Grassy Key, C 2212; —, S.
904. *Physalis elliotii*, Kuntze. Palm Beach, H 1359; Lemon City, H 1360; Miami, C 5854, P 228; Hernando county, H 1361.
905. *Physalis barbadensis*, Jacq. Columbia county, H 1363; Lake City, R 719, H 1361, 1362; Eustis, N 1251.
906. *Physalis arenicola*, Kearney. Jefferson county, H 1368, 1371; Madison county, H 1369; Columbia county, H 1370; Lake City, H 1374; Melbourne Beach, C 5713; Eustis, N 2116, 1170, H 1372; Polk county, R 453, 1270, 1412; Levy county, H 1373; —, R 1254.
907. *Physalis viscosa*, L. Suwanee county, H 1375; Madison county, H 1377; Alachua county, H 1376.
908. Var. *maritima*, Rydb. Eustis, N 198, 1049, H 1367; Palm Beach, H 1355, 1366; Lemon City, H 1354; Sea Breeze, W 463.
909. *Capsicum baccatum*, L. Eustis, N 985. Difficult to distinguish from the next in herbarium specimens.
910. *Capsicum frutescens*, L. Palm Beach, W 382, H 1378; Key Largo, C 5458, P 172; Caxambas Is., S 273.
911. *Lycium carolinianum*, Michx. Duval county, C 2216; Rockledge, Swingle; Meyers, W 201; Elliotts Key, W 324; —, R 240.
912. *Datura stramonium*, L. Lake City, H 1379; Citrus county, H 1380.
913. *Datura tatula*, L. Jefferson county, H 1381; Lake City, R 1213, H 1382.
914. *Datura meteloides*, DC. Key West, C 2220*.
915. *Cestrum diurnum*, L. Between Marco and Key West, S 219; Key West, C 2220*. (Same number as preceding.) Escaped.
916. *Nicotiana glauca*, Grah. Pensacola, C 2221*, 5917.
917. *Petunia parviflora*, Juss. Pensacola, C 2221**; Apalachicola, C 5883.

SCROPHULARIACEAE.

918. *Verbascum thapsus*, L. Madison county, H 1413; Lake City, R 469.
919. *Verbascum blattaria*, L. Marion county, H 1414.
920. *Linaria canadensis*, Dumont. Jefferson county, H 1418; Lake City, R 642, 472, 468, 1071, H 1419; Duval county, C 1845; Eustis, H 1417.
921. *Linaria floridana*, Chapm. Apalachicola, C 1846; Eustis, N 192, H 1421; Hernando county, H 1420; Polk county, R 459; Jensen, C 5835.
922. *Pentstemon laevigatus*, Sol. Lake City, R 1251; Archer, R 471; Eustis, N 1290, H 1402; Polk county, R 462, 1382; Lemon City, H 1401; Miami, P 259.
923. *Pentstemon pubescens*, Sol. Suwanee county, H 1403; Madison county, H 1404; Tallahassee, R 470; Eustis, N 636; Polk county, R 464, 1218 in part, 1438.
924. *Herpestis nigrescens*, Benth. Eustis, N 688; Hillsboro river, C 1868; Citrus, H 1427.
925. *Herpestis chamaedryoides*, HBK. Biscayne Bay, C 1869*, 5498; Key West, C 1869.

926. *Herpestis amplexicaulis*, Pursh. Lake City, R 456, 1351; Eustis, H 1430, 1429; Eau Gallie, C 1866.
927. *Herpestis repens*, C. & S. Duval county, C 5743.
928. *Herpestis monniera*, HBK. Eustis, N 2057; Hernando county, H 1426; Miami, P 265.
929. *Gratiola sphaerocarpa*, Ell. Duval county, C 1872, 5606.
930. *Gratiola ramosa*, Walt. Jefferson county, N 2510, H 1395; Suwanee county, H 1396; Citrus county, H 1397; Polk county, R 467.
931. *Gratiola pilosa*, Michx. Jefferson county, H 1394; Lake City, H 1393; Eustis, N 1005, H 1392; Manatee, S 117.
932. *Gratiola subulata*, Baldw. Suwanee county, H 1398; Lake City, R 977; Duval county, C 5685; Eustis, N 584, H 1400; Tavares, R 227; Eau Gallie, C 5805; Levy county, H 1399; Polk county, R 466, 1425; Clearwater, R 607; Tampa, R 1133.
933. *Ilysanthes grandiflora*, Benth. Eau Gallie, C 5701; Eustis, N 1686; Hillsboro River, C 1880.
934. *Ilysanthes gratioides*, Benth. Pensacola, R 487; Jefferson county, H 1425; Madison county, H 1422; Lake City, H 1423; Eustis, H 1424; Tampa, C 1881.
935. *Micranthemum orbiculatum*, Michx. Madison county, H 1415; Lake City, N 2160; Hernando, H 1416.
936. *Micranthemum nuttallii*, Gray. Manatee, S.
937. *Scoparia dulcis*, L. Jefferson county, H 1434; Suwanee county, H 1433; Lake City, H 1431; Eustis, N 918, H 1432; Tavares, R 225.
938. *Scoparia grandiflora*, Nash. Tampa, N. 2417.
939. *Capraria biflora*, L. Biscayne Bay, C 1901; Elliotts Key, W 308; Key West, C 5648, P 13.
940. *Buchnera elongata*, Sw. Madison county, H 1405; Lake City, R 1263, H 1408; Levy county, H 1407; Eustis, N 791, H 1409; Polk county, R 463, 1433; Coccoanutgrove, H 1406; Hernando county, H 1410.
941. *Seymeria tenuifolia*, Pursh. Lake City, R 457, H 1412; Duval county, 1906; Hernando county, H 1411; Tampa, R 1126; — S.
942. *Seymeria pectinata*, Benth. Duval county, C 1907; Eustis, N 888, 1683.
943. *Dasystoma pectinata*, Benth. Marion county, H 1384; De Funiak, R 174, 237; Eustis, N 829, H 1383; Polk county, R 465, 1428.
944. *Gerardia linifolia*, Nutt. Duval county, N 2598.
945. *Gerardia purpurea*, L., var. *fasciculata*, Chapm. Lake City, R 458, H 1391; Duval county, C 1913, 6022; Eustis, N 1376, H 1390; Hernando county, H 1389; Polk county, R 461, 1379; Tampa, R 1149.
946. *Gerardia maritima*, Raf. Eau Gallie, C 5767; Titusville, N 2299; Hernando county, H 1385; Pine Island, S 295.
947. *Gerardia filifolia*, Nutt. Duval county, C (1876.)
948. *Gerardia divaricata*, Chapm. Duval county, C 1910; Hernando county, H 1386.
949. *Gerardia skinneriana*, Wood. Lake City, R 474; Polk county, R 460, 1376.
950. *Gerardia aphylla*, Nutt. Duval county, C (1876.)
951. *Paulownia imperialis*, S. & Z. Quincy, N 2559. Escaped?

OROBANCHACEAE.

952. *Conopholis americana*, Wallr. Lake City, R 617, 1087.
953. *Epiphegus virginiana*, Bart. Lake City, R 575, 733.

LENTIBULARIACEAE.

954. *Utricularia inflata*, Walt. Lake City, R 622, 739; E. Fla., F. A. White. (Curtis, N. A. P. Without number.)
955. *Utricularia floridana*, Nash. Eustis, N 492, 1970.
956. *Utricularia oligosperma*, St. Hil. Eustis, N 248, H 1441, 1442, 1443.
957. *Utricularia biflora*, Lam. Jefferson county, H 1435; Madison county, H 1436; Duval county, C 1819.
958. *Utricularia fibrosa*, Walt. Eustis, N 108.
959. *Utricularia macrorhyncha*, Barnhart. Jessamine, Pasco county, Barnhart 2537.
960. *Utricularia purpurea*, Walt. Eustis, N 1583, H 1439.
961. *Utricularia resupinata*, Greene. Eustis, N 1299.
962. *Utricularia subulata*, L. Duval county, C 1824; Eustis, N 93, H 1438; Polk county, R 476; New River, H 1437.
963. *Utricularia cornuta*, Michx. Eustis, N 1302, H 1440; Polk county, R 736, 1423.
964. *Utricularia juncea*, Vahl. Eustis, N 1292.
965. *Pinguicula pumila*, Michx. Lake City, R 737, 1206 in part; Duval county, C 1829; Eustis, N 7.
966. *Pinguicula elatior*, Michx. Lake City, R 735, 1073; Duval county, C 1827; Eustis, N 333; Kissimee, R 738, 1205.
967. *Pinguicula lutea*, Walt. Lake City, R 643, 1206, 1271 in part; Duval county, C 1826; Eustis, N 1.

BIGNONIACEAE.

968. *Bignonia capreolata*, L. Jefferson county, H 1444; Lake City, R 728, 619, 1063, H 1445; Duval county, C 1831.
969. *Tecoma radicans*, Juss. Jefferson county, H 1447; Lake City, R 1239, H 1446; Eustis, N 722.
970. *Tecoma stans*, Juss. Chokoliska Is., S 236; Key West, C 5651, 1833.
971. *Crescentia cucurbitina*, L. Miami, R 936, C 5838; Lemon City, H 2624.

PEDALIACEAE.

972. *Martynia proboscidea*, Glox. Madison county, H 1448.

ACANTHACEAE.

973. *Elytraria virgata*, Michx. River Junction, N 2369, C 5947; Alachua county, H 1450; Sumterville, C 1936; Hernando county, H 1451.
974. Var. *angustifolia*, Fernald. Biscayne Bay, C 5494.
975. *Calophanes humistrata*, Nees. Suwanee county, H 1457; Hernando county, H 1458.
976. *Calophanes oblongifolia*, Don. Jefferson county, H 1453; Lake City, R 190, 1354, H 1452; Eustis, N 184, H 1454; Polk county, R 188, 1415, 1437.
977. *Calophanes angusta*, Gray. Palm Beach, H 1455; Miami, C 5858; Cocconutgrove, H 1456.
978. *Ruellia ciliosa*, Pursh. Madison county, H 1460; Columbia county, H 1464; Lake City, H 1461; Duval county, C 1944*; Eustis, N 415, H 1459, 1465; Citrus county, H 1463; Hernando county, H 1462; Polk county, R 189; —, S.
979. *Stenandrium dulce*, Nees., var. *floridanum*, Gray. Biscayne Bay, C 1945*; Hernando county, H 2622.
980. *Dianthera crassifolia*, Chapm. Citrus county, H 1466.

981. *Dianthera ovata*, Walt. River Junction, N 2371; Columbia county, H 1467; —, Buckley.
982. *Gatesia laetevirens*, Gray. Chattahoochee, C 1951, 6001.
983. *Dicliptera assurgens*, Juss. Eustis, N 380; Howes Key, S 280; Key Largo, W 347; Knights Key, C 5634; Upper Metacumbe Key, P 140; Lignum Vitae Key, C 1952. What appears to be *Thunbergia larrifolia* has escaped at Eustis, H 1468.

VERBENACEAE.

984. *Phryma leptostachya*, L. Tallahassee, N 2360.
985. *Stachytarpheta jamaicensis*, Vahl. Palm Beach, H 1483; Miami, R 940; C 1964; Key Largo, P 168; Chokoliska Is., S 226; Key West, C 5424.
986. *Verbena urticaefolia*, L. Lake City, R 209; Eustis, N 1248; Hernando county, H 1478.
987. *Verbena caroliniana*, Michx. Jefferson county, H 1481; Suwanee county, H 1482; Lake City, R 191; Eustis, H 1480; Hernando county, H 1479; Polk county, R 1248.
988. *Verbena aubletia*, L. Daytona, W 479.
989. *Verbena tampensis*, Nash. Madison county, H 1476; E. Fla., C 1963*; Palm Beach, H 1477, 1478; Cape Canaveral, C 5706; Biscayne Bay, W 301.
990. *Lippia nodiflora*, Michx. Suwanee county, H 1485; Eustis, N 855; Clearwater, R 427; Palm Beach, H 1484.
991. *Lantana involucrata*, L. Lake City, R 1265; Indian River, C 1967; Lemon City, H, 1469; Miami, R 939; Palmetto, N 2434; Key West, C 5423; Biscayne Key, W 300; Cudjoes Key, P 89; Key Largo, P 178.
992. *Lantana camara*, L. Duval county, C 5692; Daytona, W 502; Eustis, N 19, 943; Polk county, R 187; Hernando county, H 1475, this seems certainly to be indigenous in the flatwoods of western part of county; Clearwater, R 438; Palm Beach, W 427, H 1474; Lemon City, H 1472; Coconutgrove, H 1473; Point Losmans Key, S 198. Some cultivated species have escaped, as: Eustis, N 775; Alachua county, H 1470; Lake City, H 1471.
993. *Citharexylum villosum*, Jacq. Merritts Is., C 5722; Cape Malabar, C 1969; Palm Beach, W 431, H 1468, 1487, 1488.
994. *Callicarpa americana*, L. Jefferson county, H 1490; Lake City, R 185, 183, H 1491; Eustis, N 725, H 1492; Polk county, R 185; Palm Beach, H 1489.
995. *Avicenna nitida*, Jacq. Palmetto, N 2450; Tampa, R 248; Meyers, W 195; Biscayne Bay, W 277; Lemon City, H 1493, 1494; —, S.

LABIATAE.

996. *Trichostema dichotoma*, L. Marion county, H 1523; Lake City, R 526; Hernando county, H 1525; Duval county, C 1976; Palmetto, N 2452; Palm Beach, H 1524; New River, H 1522.
997. *Trichostema frutescens*, Kearney. Eustis, N 625, H 1528.
998. *Trichostema lineare*, Nutt. Palm Beach, H 1527; New River, H 1526.
999. *Teucrium canadense*, L. Tavares, R 536.
1000. *Teucrium nashii*, Kearney. Duval county, C 1975, 5952; Eustis, N 1496.
1001. *Ocimum micranthum*, Willd. Key West, C 1979, 5622.
1002. *Hyptis radiata*, Willd. Lake City, R 1258 Duval county, C 1980; Citrus county, H 1495; Eustis, N 1714; Palm Beach, H 1498; Arch Creek, W 306; New River, H 1499; Hernando county, H 1497.

1003. **Hyptis spicigera**, Lam. S. Fla., C 1981*.
1004. **Hyptis spicata**, Poir. Columbia county, H 1501; Duval county, R 530; E. Fla., H 1499; Levy county, H 1500.
1005. **Collinsonia canadensis**, L. Lake City, R 260.
1006. **Collinsonia anisata**, Sims. Chattahoochee, C 2029.
1007. **Mentha rotundifolia**, L. Tallahassee, R 177; Jefferson county, H 1530; Baldwin, N 2252.
1008. **Mentha piperita**, L. Tallahassee, N 2338.
1009. **Lycopus sessilifolius**, Gray. Lake City, R 200, 534; Duval county, C 1990*, 5579 (var. *pubens*, Gray).
1010. **Lycopus rubellus**, Moench. Lloyd, N 2507.
1011. **Pycnanthemum nudum**, Nutt. Lake City, R 965, H 1504; Baldwin, N 2316.
1012. **Pycnanthemum aristatum**, Michx. Lake City, N 2182, R 525; Archer, R 1267.
1013. **Pycnanthemum hyssopifolium**, Benth. Jefferson county, H 1505; St. Marks, N 2536.
1014. **Pycnanthemum muticum**, Pers. Jefferson county, H 1506; Madison county, H 1808; Sanford, N 2259; Hernando county, H 1507.
1015. **Pycnanthemum albescens**, T. & G. River Junction, C 5981.
1016. **Satureia rigida**, Bartr. Palm Beach, H 1535; New River, W 305; Jensen, R 950; Fort Lauderdale, C 5847.
1017. **Micromeria brownei**, Benth. Enterprise, C 2023; Alachua county, H 1529; Sanford, N 2254.
1018. **Calamintha caroliniana**, Sweet. River Junction, N 2588.
1019. **Calamintha coccinea**, Benth. Indian River, C 2012.
1020. **Conradina puberula**, Small. Apalachicola, C 2014; Eden, C 5836; Palm Beach, H 1531.
1021. **Ceranthera densiflora**, Gray. Lake City, R 594.
1022. **Salvia lyrata**, L. Madison county, H 1511; Lake City, R 996, 1253 in part; Duval county, C 2034; Eustis, N 40, H 1512; Levy county, H 1510.
1023. **Salvia coccinea**, L. Eustis, N 1158, H 1509.
1024. **Salvia serotina**, L. Palm Beach, H 1513; Biscayne Bay, C 2032; Coconutgrove, H 1514; Chokoliska Is., S 244; No Name Key, S 142, P 116; Key West, C 5621.
1025. **Salvia privoides**, Benth. S. Fla., C 2032*.
1026. **Monarda punctata**, L. River Junction, C 5984; Columbia county, H 1502; Lake City, R 527, 535, N 2483; Alachua county, H 1503.
1027. Var. *leucantha*, Nash. Palmetto, N 2456.
1028. **Scutellaria canescens**, Nutt., var. *punctata*, Chapm. River Junction, N 2384; Bellair, N 2555; Marion county, H 1515; Eustis, W 514.
1029. **Scutellaria integrifolia**, L., var. *hyssopifolia*. Walton county, C 2060*; Jefferson county, H 1518; Suwanee county, H 1516; Lake City, R 529, 1252, 1293, H 1517; —, R 477.
1030. Var. *major*, Chapm. Lake City, R 316; Duval county, C 5671.
1031. **Scutellaria arenicola**, Small. Eustis, N 1316.
1032. **Physostegia virginiana**, Benth. Columbia county, H 1536.
1033. **Physostegia denticulata**, Britt. Glen St. Mary, R 1259; Lake City, R 1261; Falling Creek, R 381, 1280 in part; Indian River, C 2051*; Eustis, N 2049; Duval county, C 5869; —, R 473.
1034. **Leonotis nepetaefolia**, R. Br. River Junction, C 6004; Madison county, H 1533; Lake City, N 2189, H 1534; Hernando county, H 1532; —, S 347.

1035. *Stachys floridana*, Shuttl. Madison county, H 1519; Lake City, R 528, 531, 533, 1253, 1257; Eustis, N 223; Levy county, H 1521; Archer, R 1267 in part; Hernando county, H 1520.

PLANTAGINACEAE.

1036. *Plantago lanceolata*, L. Columbia county, H 1538; Lake City, R 1320; Eustis, H 1537.
 1037. *Plantago aristata*, Michx. Jefferson county, H 1540; Eustis, H 1539; Levy county, H 1541.
 1038. *Plantago virginica*, L. Lake City, R 532, 1262; Duval county, C 1786; Eustis, N 344.

NYCTAGINACEAE.

1039. *Pisonia aculeata*, L. Palm Beach, H 1542, 1543; Key Largo, P 155; Key West, C 5611, 2337, S 233.
 1040. *Pisonia obtusata*, Sw. Indian River, C 2338; Palm Beach, C 5379; Big Pine Key, S 342.
 1041. *Pisonia rotundata*, Griseb. No Name Key, S 148, C No. G.
 1042. *Boerhaavia decumbens*, Vahl. Eustis, N 974, H 1544.
 1043. *Boerhaavia viscosa*, Lag. Tampa, N 2466.
 1044. *Boerhaavia hirsuta*, Willd. Hillsboro River, C 2335; Tampa, R 1153.
 1045. *Boerhaavia erecta*, L. Madison county, H 1547; Lake City, H 1545; Eustis, N 973, H 1551; Levy county, H 1548; Citrus county, H 1550; Palm Beach, H 1546, 1549; Key Largo, P 176.

ILLECEBRACEAE.

1046. *Gibbesia rugelii*, Small. Suwanee county, H 1552; Citrus county, H 1553.
 1047. *Paronychia herniarioides*, Nutt. Eustis, N 1185; Tavares, R 226.
 1048. *Paronychia baldwinii*, Chapm. Columbia county, H 1555; Lake City, N 2200, R 150; Marion county, H 1554; Alachua county, H 1556.
 1049. *Siphonochia diffusa*, Chapm. Madison county, H 1558; Columbia county, H 1559; Eustis, N 1167; Levy county H 1557; Cedar Keys, C 343.
 1050. *Siphonochia americana*, T. & G. Lake City, R 1365; Merritt's Is., C 342; Citrus county, H 1560; Jupiter, C 5546; Daytona, W 507; Rosewood, Garber.

CHENOPODIACEAE.

1051. *Chenopodium album*, L. Madison county, H 1562; Suwanee county, H 1563. This specimen has broad, toothed, mealy leaves, and the upper leaves pink; the other specimens have small, thin, scarcely mealy leaves. Eustis, N 2109; Hernando county, H 1561.
 1052. *Chenopodium murale*, L. Pensacola, R 495.
 1053. *Chenopodium anthelminticum*, L. Madison county, H 1566; Lake City, H 1569; E. Fla., H 1564; Eustis, H 1565; Levy county, H 1568; Polk county, R 741; Palm Beach, H 1567.
 1054. *Salicornia mucronata*, Bigel. Titusville, N 2290; Ragged Keys, W 320.
 1055. *Salicornia ambigua*, Michx. Titusville, N 2291; Ponce Park, W 499; Hernando county, H 1570; S. Fla., Swingle.
 1056. *Atriplex cristatum*, HBK. Indian River, C 2357; Palmetto, N 2441; Ragged Keys, W 318; Upper Metacumbe Key, C 5506.
 1057. *Sueda linearis*, Moq. Titusville, N 2292, 2310a; Ponce Park, W 468; —, S; Sugar Loaf Key, P 41.

AMARANTACEAE.

1058. *Amarantus chlorostachys*, Willd. Lake City, H 1571.
 1059. *Amarantus hybridus*, L. Eustis, H 1578; Levy county, H 1579.
 1060. *Amarantus spinosus*, L. Madison county, H 1573; Lake City, R 742, H 1575; E. Fla., H 1574; Eustis, H 1572; Alachua county, H 1577; Palm Beach, H 1576; Key Largo, P 199.
 1061. *Celosia paniculata*, L. Key Largo, P 189; Key West, C 5652.
 1062. *Euxolus lividus*, Moq. Pensacola, R 483; Eustis, H 1592; Palm Beach, H 1593; Sarasota Key, C 2373.
 1063. *Scleropus crassipes*, Moq. Key West, C 5421, 2378.
 1064. *Acnida cannabina*, L. Duval county, C 2379.
 1065. *Acnida australis*, Gray. Citrus county, H 1591; Eustis, N 868; Palm Beach, H 1590; —, S.
 1066. *Acnida tamarascina*, Wood, var. *prostrata*, U. & B. Cape Canaveral, C 5775.
 1067. *Iresine vermicularis*, Moq. Eau Gallie, C 2380; Jupiter Inlet, C 5559; Palm Beach, H 1580; Clearwater, R 437; Charlotte Harbor, W 167; Palmetto, N 2435; Key Largo, W 348; Key West, P 91.
 1068. *Iresine celosioides*, L. Palm Beach, H 1581, 1582; Upper Metacumbe Key, P 148.
 1069. *Alternanthera achyrantha*, R. Br. Key Largo, P 166; Key West, C 5422.
 1070. *Alternanthera aspera*, L. Key West, S 205, C 543.
 1071. *Alternanthera pungens*, HBK. Pensacola, C 5921.
 1072. *Telanthera maritima*, Moq. Palm Beach, W 234, 437, C 5405.
 1073. *Telanthera floridana*, Chapm. Merritt's Is., C 2387; Palm Beach, W 224, 430, 439, H 1583, 1584, 1585; Old Rhodes Key, C 5450; Key West, P 9.
 1074. *Froelichia floridana*, Moq. Suwanee county, H 1589; Lake City, H 1586; E. Fla., H 1588; Eustis, N 2011, 705, H 1587; Tavares, R 293.

PHYTOLACCACEAE.

1075. *Petiveria alliacea*, L. Duval county, C 2341; Eustis, N 1727; Palm Beach, C 5520, H 1597.
 1076. *Rivina humilis*, L. Eustis, N 1273; Palm Beach, C 5383, W 376, H 1594, 1595, 1596; Upper Metacumbe Key, P 137.
 1077. *Rivina octandra*, L. Chokoliska Is., S.
 1078. *Phytolacca decandra*, L. Jefferson county, H 1600; Lake City, H 1599; Duval county, C 2341; Eustis, N 1733; Polk county, R 303, 1375.

BATIDACEAE.

1080. *Batis maritima*, L. Ponce Park, W 495; Palmetto, N 2436; Hillsboro River, C 2535; Sugar Loaf Key, C 5647.

POLYGONACEAE.

1081. *Rumex crispus*, L. Pensacola, R 486.
 1082. *Rumex floridanus*, Meisn. Titusville, N 2286.
 1083. *Rumex hastatulus*, Baldw. Jefferson county, H 1623; Lake City, R 301; Eustis, N 400, H 1622; —, R 1076.
 1084. *Polygonella parvifolia*, Michx. Indian River, C 2433; Eustis, N 1764; Tampa, R 1145; Palm Beach, C 5525, H 1630; —, S.
 1085. *Polygonella gracilis*, Meisn. Levy county, H 1629; Duval county, R 297; Cocoanutgrove, H 1628.
 1086. *Polygonum pennsylvanicum*, L. Lake City, R 620; Levy county, 1607. Upper part of stem hispid, with somewhat appressed, broad-based hairs.

1087. **Polygonum hydropiperoides**, Michx. Jefferson county, H 1617, 1620; Suwanee county, H 1611; Columbia county, H 1615; Lake City, R 296, 299, 306, 1236, H 1612, 1613, 1621; Duval county, C 2411, 2402, 305, R 298; Eustis, N 1087, 713, H 1616, 1619; Tavares, R 294; Levy county, H 1614; Polk county, R 304, 1398; Palm Beach, H 1618; Miami, P 266. Some of them may be *P. opelousianum*, but I am unable to separate them.
1088. **Polygonum setaceum**, Baldw. Eustis, N 237; Duval county, C 5740.
1089. **Polygonum hirsutum**, Walt. Madison county, H 1610; Lake City, H 1609; Eustis, N 652, H 1608; Tavares, R 295.
1090. **Polygonum aviculare**, L. Pensacola, R 1342.
1091. **Polygonum cristatum**, E. & G. Duval county, C 5802.
1092. **Thysanella fimbriata**, Gray. Columbia county, H 1625; Palm Beach, H 1624, 1626; Cocoanutgrove, H 1627; Jensen, C 5837.
1093. **Coccoloba uvifera**, Jacq. Merritt's Is., C 2439; Palm Beach, C 5382, H 1601; Upper Metacumbe Key, C 5382, 2439; Sugar Loaf Key, P 62.
1094. **Coccoloba floridana**, Meisn. Merritt's Is., C 2440; Palm Beach, C 5388, W 212, H 1602; Lemon City, W 271; Chokoliska Is., S 221; Key Largo, P 160, 209.
1095. **Brunnichia cirrhosa**, Banks. Chattahoochee, C 5935.
1096. **Eriogonum longifolium**, Nutt. Lake City, R 1238; Eustis, N 704, H 1605; Polk county, R 302; Welchton, H 1606; Haines City, C 5954. This was not observed from Monticello to Fitzgerald.
1097. **Eriogonum tomentosum**, Michx. Suwanee county, H 1603; Lake City, R 1237; Eustis, N 296, H 1604; Polk county, R 296; Haines City, C 5953; Tampa, C 2443.

ARISTOLOCHACEAE.

1098. **Aristolochia tomentosa**, Sims. —, C (1875).
1099. **Aristolochia nashii**, Kearney. Columbia county, H 1631; Lake City, H 1631; Eustis, H 1633.

PIPERACEAE.

1100. **Saururus cernuus**, L. Jefferson county, H 1636; Lake City, R 537, H 1634; Eustis, N 310, H 1635; Duval county, C 2460.
1101. **Peperomia magnoliaefolia**, C. DC. S. Fla., Swingle; Lemon City, H 1637.
1102. **Peperomia leptostachya**, Chapm. Merritt's Is., C 5773.

LAURACEAE.

1103. **Persea gratissima**, Gaertn. Key Largo, P 162. Escaped.
1104. **Persea carolinensis**, Nees. Eustis, N 448, 1281; Cedar Key, C (1875); Miami, R 956.
1105. **Persea pubescens**, Sarg. Lake City, R 961; H 1643; Duval county, C 5663; Eustis, N 435, 1812, H 1644; Palm Beach, H 1645; —, S 44.
1106. **Persea humilis**, Nash. Eustis, N 574, 2601; Palm Beach, H 1646.
1107. **Nectandra willdenoviana**, Nees. Merritt's Is., C 2445; Palm Beach, C 5368, W 208, H 1641; Lemon City, H 1642; S. Fla., Swingle; Turner River, S 201; Key Largo, P 198.
1108. **Sassafras officinale**, Nees. Jefferson county, H 1639; Lake City, R 539, H 1640.
1109. **Cassytha filiformis**, Mill. Merritt's Is., C 4250 (2450 ?); Palm Beach, H 1638; Jupiter, 5542; Sanibel Is., W 194; Lower Metacumbe Key, P 132; Sugarloaf Key, P 75.

EUPHORBIACEAE.

1110. *Euphorbia corollata*, L., var. *angustifolia*, Ell. Walton county, C 2470 *, R 1323; Jefferson county, H 1680; Madison county, H 1681.
1111. Var. *apocynifolia*, Millsp. River Junction, C 5979; Quincy, N 2567.
1112. *Euphorbia discoidialis*, Chapm. Alachua county, H 1671; Baker county, C 2477.
1113. *Euphorbia polyphylla*, Engelm. Indian River, C 2498 *; Eau Gallie, C 5733.
1114. *Euphorbia sphaerosperma*, Shuttl. Walton county, C 2479, 5905, R 173.
1115. *Euphorbia telephioides*, Chapm. Apalachicola, C 2504.
1116. *Euphorbia ipecacuanhae*, L. Suwanee county, H 1674; Lake City, R 1249, H 1673; Eustis, H 1672.
1117. *Euphorbia heterophylla*, L. De Funiak, R 239; E. Fla., H 1679; Eustis, N 1353; Palm Beach, W 217, H 1676, 1677, 1678; Upper Metacumbe Key, P 151; No Name Key, P 125.
1118. Var. *graminifolia*, Engelm. Indian River, C 2484 *; Palm Beach, W 216, H 1675; Clearwater, R 432; Old Rhodes Key, C 5449; Lower Metacumbe Key, P 131; Boca Chica Key, P 109; Egmont Key, R 1151.
1119. *Euphorbia trichotoma*, HBK. Jupiter Inlet, C 5539; Cape Malabar, C 2502; Tampa, N 2421; —, S.
1120. *Euphorbia hypericifolia*, L. Eustis, N 930, 1076, H 1701, 1702; Citrus county, H 1704; New River, H 1703; Upper Metacumbe Key, C 2486.
1121. *Euphorbia preslii*, Guss. Eustis, H 1700.
1122. *Euphorbia nutans*, Lag. Tallahassee, N 2519; Alachua county, H 1697; Levy county, H 1698; Citrus, H 1699.
1123. *Euphorbia buxifolia*, Lam. E. Fla., C 2481; Palm Beach, C 5404, W 236, Swingle, H 1670; Sanibel Is., W 172; Newfound Harbor Key, P 80.
1124. *Euphorbia pilulifera*, L. Indian River, C 2496; Eustis, H 1705; Hernando county, H 1706; Palm Beach, C 5395, H 1708; Braidentown, S; Cocanutgrove, H 1707; Miami, C 5849; Key Largo, P 188; Upper Metacumbe Key, C 2496.
1125. *Euphorbia garberi*, Engelm. No Name Key, C 5511; Cape Sable, C 2479 *.
1126. *Euphorbia deltoidea*, Engelm. Biscayne Bay, C 2474 *; Miami, C 5468.
1127. *Euphorbia serpens*, HBK. Pensacola, C 5920; Lake City, R 425.
1128. *Euphorbia ammannioides*, HBK. Sea Breeze, W 464; Caxambas Is., S 286; Caxambas Inlet, C 2468 *.
1129. *Euphorbia cordifolia*, Ell. Madison county, H 1696; Alachua county, H 1695; Eustis, N 1070, H 1694; Haines City, C 5959.
1130. *Euphorbia maculata*, L. Jefferson county, H 1688; Madison county, H 1689; Alachua county, H 1686; Columbia county, H 1685; Lake City, H 1682, 1684; Duval county, C 2491; Eustis, N 655, H 1691, 1692; Tampa, N 2427; Hernando county, H 1690; Palm Beach, H 1687; Lemon City, H 1683, 1693.
1131. *Euphorbia blodgettii*, Engelm. Upper Metacumbe Key, C 2487.
1132. *Euphorbia adenoptera*, Bertol. Biscayne Bay, C 2468 **, 5486; Lemon City, H 1709.
1133. *Hippomane mancinella*, L. Elliott's Key, W 233; No Name Key, S 272; Key West, C 2505, 5623.
1134. *Sebastiana ligustrina*, Muell. Jefferson county, H 1713; Alachua county, H 1712; Duval county, C 2510.

1135. *Sebastiania lucida*, Muell. Bahia Honda Key, S 336; Upper Metacumbe Key, C 2512.
1136. *Stillingia sylvatica*, L. Jefferson county, H 1714; Madison county, H 1717; Lake City, R 250, H 1718; Eustis, H 1716; Polk county, R 418; Palmetto, N 2428; Lemon City, H 1715; —, S.
1137. *Stillingia aquatica*, Chapm. Apalachicola, C 2509, 5892.
1138. *Acalypha gracilens*, Gray. Jefferson county, H 1648; Duval county, C 3513*; Eau Gallie, C 5768; Eustis, N 1026, 1057, H 1650; Citrus county, H 1647; Levy county, H 1649.
1139. *Acalypha corchorifolia*, Willd. Biscayne Bay, C 2514; Miami, P 230; Coccoanutgrove, C 5483, H 1651.
1140. *Acalypha caroliniana*, Walt. Eustis, N 1493.
1141. *Tragia urens*, L. Jefferson county, H 1721; Columbia county, H 1720; Lake City, H 1723; Duval county, C 5412; Eustis, N 1079, H 1719; Citrus county, H 1722.
1142. *Var. linearifolia*. Duval county, C 5413; Eustis, N 1080, H 1724; Polk county, R 417, 1405.
1143. *Tragia urticaefolia*, Michx. Biscayne Bay, C 2517.
1144. *Croton maritimus*, Walt. Jupiter Inlet, C 5532; Palm Beach, W 229, H 1662.
1145. *Croton capitatus*, Michx. Citrus county, H 1663.
1146. *Croton betulinus*, Vahl. Miami, C 5840.
1147. *Croton balsamiferus*, Willd. Key West, C 2520.
1148. *Croton argyranthemus*, Michx. Jefferson county, H 1667; Lake City, R 420; Polk county, R 423, 1418; Eustis, N 358, H 1666.
1149. *Croton glandulosus*, L. Madison county, H 1659; Lake City, H 1661; Daytona, W 504; Duval county, C 5683; Eustis, N 579, H 1657; Levy county, H 1660; Palm Beach, H 1658; Polk county, R 416, 1385; Miami, P 218.
- Var. maritimus*. Haines City, C 5956; Palm Beach, C 5398; Gasparilla Key, C 2523*.
1150. *Croton linearis*, Jacq. Palm Beach, C 5360, H 1664; Biscayne Bay, H 1665; Lemon City, H 1665; Ocean Grove, W 351; No Name Key, S 186; Big Pine Key, P 84.
1151. *Crotonopsis linearis*, Michx. Jefferson county, H 1669; Lake City, H 1668.
1152. *Crotonopsis spinosa*, Nash. Pease Creek, C 2526; Melbourne, C 5715; Eustis, N 1971.
1153. *Argyrothamnia blodgettii*, Chapm. Lemon City, H 1652; Key West, S 316, C 2527, 5617.
1154. *Cnidosculus stimulosus*, Gray. Jefferson county, H 1654; Lake City, R 419, 1269, H 1656; Duval county, C 2506; Eustis, N 759, H 1655; Polk county, R 424, 1403; Palm Beach, H 1653.
1155. *Ricinus communis*, L. Duval county, C 2507. Spontaneous near dwellings.
1156. *Phyllanthus carolinianus*, Walt. Palm Beach, C 5403, H 1710.
1157. *Phyllanthus niruri*, L. Biscayne Bay, C 2528*; Coccoanutgrove, C 5482, H 1711; No Name Key, P 114.
1158. *Drypetes crocea*, Poit. Palm Beach, W 378, C 5381; Biscayne Bay, C 2530.

URTICACEAE.

1159. *Urtica urens*, L. Pensacola, R 494; Sister Is., C 2553.
1160. *Pilea microphylla*, Leitn. Hernando county, C 2556*.

1161. **Parietaria debilis**, Forst. Pensacola, R 484; Palm Beach, C 5371.
 1162. **Boehmeria cylindrica**, Willd. Columbia county, H 1740; Eustis, H 1742; Palm Beach, H 1741.
 1163. **Var. scabra**, Port. Lake City, R 664, 1335, H 1739; Duval county, C 2557, 5749; Eustis, N 1177, H 1738; Levy county, H 1737; Tavares, R 231.
 1164. **Morus rubra**, L. Jefferson county, H 1727; Lake City, R 186, H 1729; Palm Beach, H 1728.
 1165. **Ficus aurea**, Nutt. Palm Beach, H 1743; Miami, C 5465; Caxambas Is., S 274; Key Largo, P 164.
 1166. **Ficus pedunculata**, Willd. Biscayne Bay, C 4491; Cocoanutgrove, H 1744; Key Largo, C 2547.
 1167. **Ficus brevifolia**, Nutt. Merritt's Is., C 2546; No Name Key, S 269.
 1168. **Ulmus floridana**, Chapm. Jefferson county, H 1732; Lake City, H 1733; Eustis, N 895, 693, H 1735; Hernando county, H 1734.
 1169. **Ulmus alata**, Michx. Lake City, R 372; Citrus county, H 1736.
 1170. **Celtis occidentalis**, L. Jefferson county, H 1725; River Junction, N 2382.
 1171. **Celtis mississippiensis**, Bosc. Eustis, N 694; Palm Beach, H 1726.
 1172. **Trema micrantha**, B. & H. Palm Beach, H 1731, Lemon City, W 294, H 1730; Biscayne Bay, C 2543*; Miami, C 5469, R 944; Turner River, S 231; Key Largo, P 153.

PLATANACEAE.

1173. **Platanus occidentalis**, L. Madison county, H 1745.

MYRICACEAE.

1174. **Myrica cerifera**, L. De Funiak, R 674; Tallahassee, N 2518; Jefferson county, H 1746; Lake City, R 276 in part, 205, H 1748; Duval county, C 2606, 5607; Eustis, N 306, 314; Tampa, R 1132; Palm Beach, H 1747; Lemon City, H 1749; Sea Breeze, W 494; Sugarloaf Key, P 51; —, R 422.
 1175. **Var. pumila**, Michx. Lake City, N 2224, R 276 in part; Falling Creek, R 378.
 1176. **Myrica carolinensis**, Mill. Duval county, C 2606*.
 1177. **Myrica inodora**, Bartr. Argyle, C 5944; Indian River, 2607.

LORANTHACEAE.

1178. **Phoradendron flavescens**, Nutt. Lake City, R 538, 1079; Duval county, C 2459.

JUGLANDACEAE.

1179. **Carya tomentosa**, Nutt. Jefferson county, H 1751, 1752; Lake City, N 2171, H 1750.
 1180. **Carya porcina**, Nutt. Tallahassee, N 2341, 2342; Jefferson county, H 1755; Madison county, H 1756; Lake City, R 160, H 1754; Duval county, C 2570; Eustis, H 1753; Levy county, H 1757.
 1181. **Carya aquatica**, Nutt. Chattahoochee, C 5994; Jefferson county, H 1758; Upper St. Johns River, C 2573.

CASUARINACEAE.

1182. **Casuarina equisetifolia**, Forst. Biscayne Bay, C 2675a.

CUPULIFERAE.

1183. **Quercus phellos**, L. Jefferson county, H 1762; Suwanee county, H 1761; Lake City, R 170; Duval county, C 2591, 5604; Eustis, N 1663.
 1184. **Quercus laurifolia**, Michx. Eustis, N 1672.

1185. *Quercus cinerea*, Michx. Jefferson county, H 1767; Lake City, R 169, 1315, H 1766; Eustis, H 1764, N 1692; Duval county, C 5608. *Cinerea* $\times$ *catesbaei*, Eustis, N 1586.
1186. *Quercus aquatica*, Walt. Jefferson county, H 1772, 1773, 1774; Marion county, H 1770; Apalachicola River, C 2575; Columbia county, H 1768; Lake City, H 1775; Duval county, C 5574; Eustis, N 1756, 1655, 1664, H 1769; Hernando county, H 1771.
1187. *Quercus plenocarpa*, Small. Eustis, N 1677?
1188. *Quercus catesbaei*, Michx. Jefferson county, H 1778; Lake City, R 166, 167, H 1777; Duval county, C 2577; Eustis, N 1645, H 1776. *Catesbaei* $\times$ *cinerea*, Eustis, N 1577.
1189. *Quercus falcata*, Michx. Tallahassee, N 2408; River Junction, N 2386; Jefferson county, H 1779, 1780, 1781; Lake City, N 2196, R 1312, H 1782, 1783, 1784.
1190. *Quercus myrtifolia*, Willd. Jupiter Inlet, C 5541; Eustis, N 1646, H 1785, N 1640.
1191. *Quercus pumila*, Walt. Lake City, N 2229, R 371, 970; New River, H 1763; Miami, P 248.
1192. *Quercus stellata*, Wang. Quincy, N 2569; Jefferson county, H 1786; Lake City, R 168, H 1787; Eustis, N 1576.
1193. *Quercus parvifolia*, Small. Apalachicola, C 2589*; Duval county, C 6010; Eustis, N 1639, 179; Palm Beach, H 1788, 1789.
1194. *Quercus alba*, L. Jefferson county, H 1790.
1195. *Quercus michauxii*, Nutt. Chattahoochee, C 2593 C; Tallahassee, N 2526; Lake City, R 165, 1314, H 1792; Hernando county, H 1791.
1196. *Quercus virens*, Ait. Suwanee county, H 1796; Lake City, R 964, 969, H 1797; Duval county, C 5786; Sea Breeze, W 460, 497; Eustis, N 2414, 1623, 516, 1759, 1762; Palm Beach, H 1793, 1794; Hernando county, H 1795.
1197. *Castanea pumila*, Michx. Madison county, H 1807; Lake City, R 162, 163, 1313, N 2234; Eustis, N 963, H 1805.
1198. *Castanea nana*, Muhl. Jefferson county, H 1805, Columbia county, H 1808; Lake City, H 1806, 1809, R 164.
- 1198x. *Fagus ferruginea*, Ait. Tallahassee, N 2339; Lake City, R 159.
1199. *Carpinus americana*, Michx. Tallahassee, N 2340; Columbia county, H 1802; Lake City, R 161, H 1803; Citrus county, H 1804.
1200. *Ostrya virginiana*, Willd. Columbia county, H 1799; Lake City, N 2158, H 1801; Hernando county, H 1800.

BETULACEAE.

1201. *Alnus serrulata*, Ait. River Junction, N 2590; Lake City, R 482.

SALICACEAE.

1202. *Salix wardii*, Bebb. Jefferson county, H 1810; Lake City, R 496, 1066; Eustis, N 134.
1203. *Salix occidentalis*, Koch., var. *longipes*, Bebb. Jefferson county, H 1811; Lake City, H 1812; Duval county, C 5826; Tavares, R 222.

EMPETRACEAE.

1204. *Ceratiola ericoides*, Michx. Alachua county, H 1814; Enterprise, R 206; Lake City, R 1327, 1362; Eustis, N 1121, H 1813; Tavares, W 393, R 1528; Indian River, C 2534; Palm Beach, C 5392, H 1816; Clearwater, R 608; New River, H 1815.

CERATOPHYLLACEAE.

1205. *Ceratophyllum demersum*, L. Columbia county, H 1818; Lake City, H 1817.

BURMANNIACEAE.

1206. *Burmanna biflora*, L. Eustis, N 1439, H 1821.
 1207. *Burmanna capitata*, Chapm. Eustis, N 1081.
 1208. *Apteria setacea*, Nutt. Lake City, R 600; Eustis, H 1820; Palm Beach, H 1819.

HYDROCHARIDACEAE.

1209. *Halophila engelmannii*, Asch. Palm Beach, H 1823, C 5399; Cape Sable, C 2704*.
 1210. *Linnobium spongia*, Rich. Washington county, C 2749; Madison county, H 1822; Duval county, C 5756; Eustis, N 908, R 249.

ORCHIDACEAE.

1211. *Microstylis ophioglossoides*, Nutt. —, R 252.
 1212. *Corallorhiza odontorhiza*, Nutt. Merritt's Is., C 2816.
 1213. *Epidendrum conopseum*, Ait. Lake City, R 694; Columbia county, H 1837, C 2804; Eustis, H 1838; Istachatta, C 5971; Hernando county, C 2804.
 1214. *Epidendrum tampense*, Lindl. Eustis, H 1840; Merritt's Is., C 5723; Hillsboro River, C 2805; Palm Beach, H 1839; Upper Metacumbe Key, P 139.
 1215. *Epidendrum cochleatum*, L. Lemon City, H 1841.
 1216. *Epidendrum nocturnum*, L. Lemon City, H 1842, 1843.
 1217. *Tipularia discolor*, Nutt. Tallahassee, N 2361.
 1218. *Bletia verecunda*, Swartz. Eustis, N 1521; Titusville, N 2294.
 1219. *Hexalectris aphyllus*, Raf. Lake City, R 687, 1220; Eustis, N 2150; Clearwater, R 430; New River, H 1825.
 1220. *Polystachya luteola*, Hook. Lemon City, H 1824.
 1221. *Cyrtopodium punctatum*, Lindl. No Name Key, S 313.
 1222. *Calopogon pulchellus*, R. Br. Madison county, H 1828; Lake City, R 689, 693 (B), 695, 1226, 1219, 1228; Glen St. Mary, R 633; Duval county, C 2799; Eustis, N 793; Hernando county, H 1827; Polk county, R 681, 1408; —, S.
 1223. *Calopogon parviflorus*, Lindl. Eustis, N 6; Tampa, R 1150; Polk county, R 691, 1217, 1218, 1414.
 1224. *Pogonia ophioglossoides*, Nutt. Lake City, R 684, 685, 692, 696, 1215, 1227, 1222, 1221; Duval county, C 2794; Eustis, N 538, H 1826; Polk county, R 698, 697, 1409.
 1225. *Pogonia divaricata*, R. Br. Lake City, R 686.
 1226. *Habenaria nivea*, Spreng. De Funiak, R 254; Lake City, H 1835; Baldwin, R 208; Eustis, N 1927.
 1227. *Habenaria ciliaris*, R. Br. Lake City, R 994; Eustis, N 1534.
 1228. *Habenaria cristata*, R. Br. De Funiak, R 672, C; Hernando county, H 1836.
 1229. *Habenaria conspicua*, Nash. Lake City, N 2501.
 1230. *Habenaria repens*, Nutt. Eustis, N 873, 578, H 1834; Citrus county, H 1833; Sumter county, C 2772; Polk county, R 682, 1387.
 1231. *Spiranthes odorata*, Nutt. E. Fla., Swingle; Eustis, H 1829.
 1232. *Spiranthes praecox*, Wats. Madison county, H 1830; —, C (by error has label of 2698); Polk county, R 683, 1372.
 1233. *Spiranthes gracilis*, Bigelow. Lake City, R 690, 1216; Eustis, H 1831; Tampa, R 1136; Hernando county, H 1832.

1234. *Physurus querciticola*, Lindl. Miami, C 2780.
 1235. *Ponthievia glandulosa*, R. Br. Chattahoochee, C 2792; Lake City, R 1225, 1223; Polk county, R 688.

CANNACEAE.

1236. *Thalia divaricata*, Chapm. Lake City, H 1844; Upper St. Johns River, C 2827; Ocala, R 932.
 1237. *Canna flaccida*, Roscoe. Madison county, H 1846; Eustis, N 1654, H 1845.

IRIDACEAE.

1238. *Iris hexagona*, Walt. Tampa, C 2852.
 1239. *Sisyrinchium anceps*, Cav. Lake City, R 597, 1334; New River, H 1850; Palm Beach, H 1847, 1848; Lemon City, H 1849.
 1240. *Sisyrinchium atlanticum*, Bicknell. Madison county, H 1852; Lake City, R 652, 1243, 256, 598; Alachua county, H 1854; Eustis, N 133, H 1851; Citrus county, H 1853; New River, H 1855; Miami, P. 264.

AMARYLLIDACEAE.

1241. *Zephyranthes atamasco*, Herb. Ellaville, R 270; Lake City, R 649; Duval, C 2829*; Eustis, N 201; Hernando county, H 1860.
 1242. *Zephyranthes simpsoni*, Chapm. —, S 28.
 1243. *Pancratium caribaeum*, L. Cape Canaveral, C 5726; Cape Malabar, C 2830; Lemon City, H 1864.
 1244. *Crinum americanum*, L. Milton, R 668; Columbia county, H 1862; Palm Beach, H 1863; mouth of Snake River, Swingle (1894).
 1245. *Agave virginica*, L. Jefferson county, H 1861.
 1246. *Agave sisalana*, Porrin. Indian Key, C 5644; Sugarloaf Key, P 56.
 1247. *Hypoxis erecta*, L. Columbia county, H 1859.
 1248. *Hypoxis juncea*, Smith. Suwanee county, H 1856; Lake City, R 648, 255, 565, 127; Eustis, N 952, 2072, H 1857; Tampa, R 1130; Polk county, R 599, 1419; New River, H 1858.

BROMELIACEAE.

1249. *Tillandsia utriculata*, L. Eustis, N 858; Merritt's Is., C 2843; New River, H 1876, 1877; Sugarloaf Key, P 98.
 1250. *Tillandsia flexuosa*, Swartz. Sugarloaf Key, P 99.
 1251. *Tillandsia fasciculata*, Swartz. Merritt's Is., C 2844; Miami, P 275; Biscayne Bay, C 5489; No Name Key, S 314.
 1252. *Tillandsia juncea*, LeConte. Eustis, N 1703, H 1875; Lemon City, H 1874; Miami River, C 5467; Caloosa River, C 2846.
 1253. *Tillandsia bulbosa*, Hook. Miami, C 5466; S. Fla., Swingle (1894); Sugarloaf Key, P 100.
 1254. *Tillandsia setacea*, Swartz. Lake City, R 680, 1108, H 1871; Alachua county, C 2847; Eustis, N 1499, 774, H 1872; Citrus county, H 1873; Merritt's Is., C 2848; Meyers, W 405.
 1255. *Tillandsia recurvata*, Pursh. Lake City, R 678; Eustis, N 1372, H 1869; Merritt's Is., C 5772; Hernando county, H 1870.
 1256. *Tillandsia usneoides*, L. Jefferson county, H 1867; Lake City, R 679, H 1866; Eustis, N 464, H 1868; E. Fla., H 1865.

NOTE.—Owing to the peculiar type used in this paper and the limited time remaining for the completion of this volume, the remainder of this paper is necessarily left over to a succeeding volume.—EDITOR.